

## Index to key words, taxa, geographical distribution, and authors

JOHN C. MORSE

Department of Plant and Environmental Sciences, Clemson University, E-143 Poole Agricultural Center, Clemson, South Carolina 29634-0310, USA

 [jmorse@clemson.edu](mailto:jmorse@clemson.edu);  <https://orcid.org/0000-0003-3187-4045>

Abi-Said, M.	60	Australia	24–33
Abouheif, E.	32	Axford, Y.	125
adults	34, 72	Azar, D.	152
Aegisdóttir, H.H.	125	Ba, D.T.	91
Agathiphagidae	187	Babkin, A.	71
Ahmad, A.H.	16	Bae, Y.J.	15, 61, 91
Aksornkoae, Sanit	8	Baker, E.	159
Alfano, M.	61	Baker, W.J.	33
Al-Shami, S.A.	16	Baltes, B.	51
amber	143	Banks, N.	90, 101, 150, 151
Amphiesmenoptera	179, 188	Barbour, M.T.	90
Anderson, Trond	6, 125, 133	Barnard, P.C.	15
Andrew, R.H.	125	Barrett, K.	90
Angola	34	Barry, J.R.	125
Anstett, M.C.	33	Batrachospermaceae	
Ant, H.	142	<i>Batrachospermum</i>	28, 29
antennal sensilla	179	Bayesian analysis	72–92
Apataniidae		Baymukanova, Z.	71
<i>Apatania auricula</i>	123	Beck, J.	60
<i>Apatania dalecarlica</i>	123	Beckmann, F.	189
<i>Apatania forsslundi</i>	123	Beet, C.R.	102
<i>Apatania hispida</i>	123	Benke, A.C.	15, 16
<i>Apatania muliebris</i>	123, 129, 132	Bennett, K.R.	102
<i>Apatania muliebris kolteriana</i>	129, 132	Betten, C.	151
<i>Apatania stigmatella</i>	123	Beutel, R.	189
<i>Apatania volscorum</i>	136, 142	Billiones, Danny	60
<i>Apatania wallengreni</i>	123	biogeography	127–134, 143–152
<i>Apatania zonella</i>	46–50, 69, 118, 122–123, 129, 132	Bittacidae	188
<i>Apataniana</i>	67, 69, 70, 136, 139	<i>Bittacus cirratus</i>	180
<i>Apataniana borka</i>	139	Blahnick, R.J.	101
<i>Apataniana bulbosa</i>	139	Blahnik, R.J.	32, 90, 101, 102, 189
<i>Apataniana cornuta</i>	67, 69, 70	Böcher, J.	125
<i>Apataniana hellenica</i>	139	Bohm's bristle	196
<i>Apataniana rauschorum</i>	139	Böhm's bristles	179, 181, 185, 186, 187
<i>Apataniana stropones</i>	139	Boldbaatar, S.	71
<i>Apataniana tschuktschorum</i>	139	Bölling, A.C.	152
<i>Apataniana vardusia</i>	139	Bonada, N.	102
aquatic insects	118	Boreidae	180
Arctopsychidae		<i>Boreus westwoodi</i>	180
<i>Arctopsyche ladogensis</i>	68	Borowitzka, M.A.	15
Arefina-Armitage, T.I.	101, 150	Botosaneanu, L.	51, 101, 151, 158
Armitage, B.J.	6, 71, 90, 101, 102, 150	Bournaud, M.	23, 51
Arnadottir, Drofn	7	Boyes, Chris	44
Arnqvist, G.	22	Brachycentridae	
Aspöck, H.	142	<i>Brachycentrus americanus</i>	69, 70
Atlantic islands	118–126	Brandis, Rainer von	44
Ausan, Dante	60	Brauer, F.	90, 151

Brehm, J.	60
Brochmann, N.C.	125
Brodsky, K.A.	71
Buckland, P.C.	125
Bunlue, P.	101
BUNTHA, PORNPIMON	8, 9–16
Burinton, Z.	90
bursa copulatrix	17–23
Butlin, R.K.	32, 33
Byers, G.W.	188
Caddis larvae	46–52
caddisfly	9–16, 93–102, 103–111, 112–117, 127–134
Cairns, A.	32
Calamoceratidae	96
<i>Anisocentropus</i>	96
<i>Anisocentropus (Anisocentropus) bellus</i>	57
<i>Anisocentropus (Anisocentropus) brevipennis</i>	93–95
<i>Anisocentropus (Anisocentropus) erichthonios</i>	93
<i>Anisocentropus (Anisocentropus) kawamurai</i>	93
<i>Anisocentropus (Anisocentropus) magnificus</i>	57
<i>Anisocentropus (Anisocentropus) palawanensis</i>	57
<i>Anisocentropus (Anisokantropus) cameloides</i>	93
<i>Anisocentropus (Anisokantropus) diana</i>	93, 96
<i>Anisocentropus (Anisokantropus) minerva</i>	95–97
<i>Anisocentropus (Anisokantropus) orion</i>	93
<i>Anisocentropus (Anisomontropus) bungus</i>	93
<i>Anisocentropus (Anisomontropus) csorbai</i>	93
<i>Anisocentropus (Anisomontropus) janus</i>	93
<i>Anisocentropus (Anisomontropus) maculatus</i>	93
<i>Anisocentropus (Anisomontropus) thommihn</i>	93
<i>Anisokantropus</i>	93
<i>Anisomontropus</i>	93
<i>Calamoceras</i>	135
Campbell, L.	15
Carmona, Mauricio R.	7
Carollo, M.	51
Carpenter, F.M.	151
Cartwright, David	7, 102, 152
cases	24–33
CATERINO, MICHAEL S.	72–92
Chaetoid sensilla	179–190
Chaika, S. Yu.	190
Chaisrikwun, Boonphop	7
Chaiyasuk, S.	15
Chamorro, M.L.	116
Chandrachai, Achara	8
Changthong, N.	15
Chantaramongkol, Porntip	8, 15, 92, 101, 102, 117, 151
Chapman, R.F.	188
checklist	127–134
Chen, F.	32
Chen, S-x.	92
Chiang Mai University	5
Christensen, S.	134
Chuluunbat, S.	71, 102
Cianficconi, F.	51, 142
Cladophoraceae	
<i>Cladophora</i>	9–16
<i>Rhizoclonium</i>	9–16
Clarkson, J.J.	33
Coccineidaceae	
<i>Coccoeis</i>	11–13
Cocks, G.V.	102
Cognysis	178
Collins, G.E.	102
colonisation	118–126
copulation	17–23
Corallini, C.	51
Corbet, P.S.	125
Corlett, R.T.	60
Cosentino, E.	61
Cossidae	179
Courchamp, F.	60
Courtney, G.W.	101
Cox, S.	178
Cracraft, J.	91
Crayn, D.	33
Cretaceous	143–152
Crichton, I.	23
Crosskey, R.W.	125
Cruickshank, C.D.	33
Curtis, J.	51, 125, 133, 188
Dai, R.	66
Dalgleish, Willie	178
Dalman, J.W.	60, 133
De Jong, R.	142
de Kroon, H.	61
De Lattin, G.	142
De Marr, Kyle	7
DE MOOR, FERDINAND C.	6, 8, 34–45, 60, 71, 91, 160–178
de Moor, Irene J.	8, 178
Dean, J.	102
Deczynski, A.	90
Delledonne, M.	61
Devaux, C.	32
de Waard, J.	102
Dineen, D.G.	92
Dipseudopsidae	34, 39, 41, 42, 53, 57, 59, 84, 85, 143–152
<i>Dipseudopsis</i>	143, 144, 146, 150, 157
<i>Dipseudopsis benardi</i>	144
<i>Dipseudopsis digitata</i>	53, 57, 59
<i>Dipseudopsis sicumba</i>	42
<i>Hyalopsyche</i>	143, 150
<i>Hyalopsyche disjuncta</i>	143
<i>Hyalopsyche palawanensis</i>	57, 59
<i>Hyalopsyche winkleri</i>	53, 57, 59
Hyalopsychinae	143
<i>Limnoecetis</i>	143, 144, 150
<i>Limnoecetis tanganicae</i>	144
<i>Phylocentropus</i>	143–152
<i>Phylocentropus anas</i>	143, 147, 148
<i>Phylocentropus antiquus</i>	143, 145
<i>Phylocentropus auriceps</i>	143, 145, 146, 147, 150
<i>Phylocentropus auriceps</i> Species Group	143, 145, 146, 147, 150
<i>Phylocentropus carolinus</i>	143, 146, 147
<i>Phylocentropus cretaceus</i>	143, 145
<i>Phylocentropus gelhausi</i>	143, 145, 146
<i>Phylocentropus harrisi</i>	143, 147
<i>Phylocentropus ligulatus</i>	143, 145
<i>Phylocentropus lucidus</i>	143, 146, 147
<i>Phylocentropus narumonae</i>	143, 147, 148
<i>Phylocentropus ngoclinh</i>	143, 147, 148
<i>Phylocentropus orientalis</i>	143, 144, 147, 148, 150
<i>Phylocentropus orientalis</i> Species Group	143, 147, 148, 150
<i>Phylocentropus placidus</i>	143, 144, 147, 148
<i>Phylocentropus placidus</i> Species Group	143, 147, 150
<i>Phylocentropus shigae</i>	143, 147, 148

- Phylocentropus simplex* ..... 143, 145  
*Phylocentropus spiniger* ..... 143, 145, 146  
*Phylocentropus succinolebanensis* ..... 143, 145, 146, 150  
*Phylocentropus swolenskyi* ..... 143, 145  
*Phylocentropus tohoku* ..... 143, 147, 148  
*Phylocentropus vietnamellus* ..... 143, 147, 148  
*Protodipseudopsis* ..... 143, 150  
*Taymyrodipseudon* ..... 143, 150  
*Taymyrodipseudon protopegasus* ..... 150  
distribution ..... 53–62, 63–71, 135–142, 179–190  
distribution pattern ..... 135–142  
DNA barcoding ..... 72–92  
Downes, J.A. ..... 125  
Dudgeon, D. ..... 15, 91  
Dugmore, A.J. ..... 125  
Dunning, L.T. ..... 32  
Dworkin, I. ..... 32  
Ecnomidae  
  *Ecnomus* ..... 42, 59, 165, 166  
  *Ecnomus (Psychomyielodes)* ..... 42  
  *Ecnomus aequatorialis* ..... 42  
  *Ecnomus cabayugani* ..... 53, 57  
  *Ecnomus dispar* ..... 42  
  *Ecnomus jacquemarti* ..... 42  
  *Ecnomus monostylis* ..... 57  
  *Ecnomus similans* ..... 42  
  *Ecnomus tagbanwae* ..... 57  
  *Ecnomus tenellus* ..... 161, 165  
  *Ecnomus ulmeri* ..... 42  
  *Parecnomina resima* ..... 176  
Edington, J.M. ..... 125, 133  
Edwards, S.W. ..... 91  
Eguchi, M. ..... 22  
Eldredge, N. ..... 91  
Elven, H. ..... 125  
Elven, R. ..... 125  
Embleton, B.J. ..... 32  
emergence traps ..... 53–62  
Eocene ..... 118, 135, 143–152  
EPOVA, JULIA V. ..... 63–71  
Epova, Y. ..... 71  
Eriocraniidae ..... 179, 180  
  *Eriocrania semipurpurella* ..... 180, 186  
Erman, D.C. ..... 51  
Erman, N.A. ..... 51  
Eunotiaceae  
  *Eunotia* ..... 12, 13  
Evseeva, A. ..... 71  
Fabricius, J. ..... 133  
Fairchild, M.P. ..... 15  
family ..... 34–45  
Faridah-Hanum, I. ..... 60  
Faroe Islands ..... 118–122, 127–134  
Faroes ..... 127–134  
Faucheur, M.J. ..... 188  
fauna ..... 63–71  
faunistics ..... 5, 34–45, 138  
Febria, C.M. ..... 60  
FERREIRA, INA S. ..... 34–45  
Ferreras-Romero, M. ..... 142  
Ferroo, M. ..... 90  
Flechtner, G. ..... 51  
flight ..... 129, 160–178  
flight activity ..... 160–178  
Flint, O.S. Jr. ..... 60, 92, 102, 142  
Fon Sing, S. ..... 15  
Forsslund, K.H. ..... 125  
Fosaa, A.M. ..... 133  
Foster, S. ..... 32  
Fotoopa, F. ..... 178  
Fox, J. ..... 178  
Fragilariacae  
  *Synedra* ..... 12, 13  
Francke, W. ..... 189  
Frandsen, Paul B. ..... 8, 61, 91, 102, 189  
Frania, H.E. ..... 189  
Fredeen, F.J.H. ..... 158  
FREITAG, HENDRIK ..... 53–62  
Friedrich, F. ..... 189  
Friedrich, W.L. ..... 125  
Fujimoto, Toshiaki ..... 7  
Garcés, J. ..... 61  
Gashil, Agim ..... 7  
Gassman, P.W. ..... 16  
Geirsþóttir, Á. ..... 125  
Genco, M.S. ..... 91  
GENCO, MADELINE S. ..... 72–92, 93–102  
genitalia ..... 72–92  
Geraci, C.J. ..... 91  
Gerritsen, J. ..... 90  
Gibbs, D.G. ..... 151  
Gibon, François ..... 150  
Gibson, T.J. ..... 92  
GÍSLASON, GÍSLI MÁR. ..... 7, 46–52, 118–126, 127–134  
Glossosomatidae ..... 24, 70, 179–190  
  Agapetinae ..... 180  
  *Agapetus* ..... 57  
  *Agapetus (Agapetus) bidens* ..... 68, 70, 180, 182, 183  
  *Agapetus (Agapetus) caucasicus* ..... 180  
  *Agapetus (Agapetus) jakutorum* ..... 180, 182, 184  
  *Agapetus (Agapetus) kirgisorum* ..... 68, 180  
  *Agapetus (Agapetus) nimbulus* ..... 180, 182, 183, 185  
  *Agapetus (Agapetus) ochripes* ..... 180  
  *Agapetus (Agapetus) sibiricus* ..... 180, 184  
  *Agapetus (Synagapetus) inaequispinosus* ..... 180  
  *Agapetus ungulatus* ..... 146  
  *Campsiophora* ..... 136, 141  
  *Dajella tenera* ..... 180  
  *Dajellinae* ..... 180  
  *Glossosoma (Glossosoma) dentatum* ..... 180  
  *Glossosoma (Lipoglossa) shugnanicum* ..... 180  
  *Glossosoma (Synafophora) dulkejti* ..... 180  
  *Glossosoma (Synafophora) intermedium* ..... 180  
  *Glossosoma (Synafophora) minutum* ..... 180  
  *Glossosoma angaricum* ..... 180  
  *Glossosoma intermedium* ..... 68, 70, 146, 181, 183, 184, 185  
  *Glossosoma lividum* ..... 146  
  *Glossosoma nigrior* ..... 146  
  *Glossosoma verdona* ..... 146  
  *Glossosoma (Synafophora) angaricum* ..... 188  
  *Glossosomatinae* ..... 180  
  *Padunia adelungi* ..... 180, 183, 185  
  *Paduniella* ..... 136, 141  
  *Paduniella bidentosa* ..... 57  
  *Paduniella tanidai* ..... 153–159  
  *Protoptilinae* ..... 187  
Goeridae  
  *Goera* ..... 69

<i>Larcasia</i>	135, 137
<i>Silo graellsii</i>	135, 136
Gomphonemataceae	
<i>Gomphonema</i>	9
Gonzalez, M.R.	102
Goulson, D.	61
Govoni, D.P.	51
Gower, A.M.	22
Graf, W.	61, 142
Green, M.	90
Grimaldi, D.	150, 152
Grishaeva, O.	71
Guildford, S.J.	15
Gullefors, B.	134
Guðmundsdóttir, Ragnhildur	50
gut content	9–16
Gyotoku, N.	22, 159
Hagen, H.A.	111, 133, 151, 189
Hagstova Føroya	133
Halbach, U.	51
Hallberg, E.	189
Hallmann, C.A.	61
Hamilton, Steve W.	6, 151
Hanazato, T.	158
Hanh, P.T.M.	91
Hanna, H.M.	51
Hannesdóttir, Elizabeth R.	51, 125
Hansen, H.J.	133
HANSEN, LEIVUR JANUS	7, 50, 127–134
Hansson, B.S.	189
Harris, Steve C.	6, 142
Harunari, T.	158
Haryoko, T.	60
Hattori, Toshio	103, 104, 111, 159
Hausmann, A.	102
Hawkins, Rachel L.	150
Hayashi, Fumio	22
Hebert, P.D.N.	92
Hecky, R.E.	15
Heezen, B.C.	126
Heie, O.E.	125
Helicopsychidae	136
<i>Helicopsyche</i>	135
<i>Helicopsyche bacescui</i>	137
<i>Helicopsyche forcipula</i>	58
<i>Helicopsyche lusitanica</i>	137
<i>Helicopsyche megalochari</i>	137
<i>Helicopsyche revelieri</i>	137
<i>Helicopsyche sperata</i>	137
Hendrich, L.	102
Hennig, W.	151
Henriksen, K.L.	133
Hess, M.	102
Hewitt, C.L.	60
Hewitt, G.	126
Higgins, D.G.	92
Higgins, S.N.	15
Hildrew, A.G.	125, 133
Hipperson, H.	32
Hirabayashi, K.	158
Hiriart-Baer, V.	15
Hirotani, H.	158
Hoang, D.C.	15
Hofland, N.	61
Hogg, I.D.	102
Holomuzki, J.R.	15
Holzenthal, Ralph W.	5, 8, 32, 78, 90, 91, 92, 102, 116, 142, 189
Honda, K.	159
Hörren, T.	61
Houkita, Y.	158
Howell, E.T.	15
Hrafnssdóttir, Th.	51, 126, 133
Hsu, Li-peng	7
Huelsenbeck, J.P.	91
Hughn, D.H.	90, 101
Huisman, Jolanda	7, 33, 102
Hung, N.Q.	91
Hur, J.M.	111
Hussain, T.	60
Hutton, I.	32, 33
Huxley, T.H.	61
Hwang, S.-J.	158
Hydropsychidae	9–16, 34, 39, 40, 41, 70, 72–92
<i>Aethaloptera dispar</i>	43
<i>Aethaloptera maxima</i>	43
<i>Cheumatopsyche afra</i>	43
<i>Cheumatopsyche brevilineata</i>	157
<i>Cheumatopsyche brunnea</i>	43
<i>Cheumatopsyche calawagana</i>	57
<i>Cheumatopsyche capitella</i>	68, 70
<i>Cheumatopsyche costalis</i>	57
<i>Cheumatopsyche digitata</i>	39, 43
<i>Cheumatopsyche dubitans</i> Species Group	43
<i>Cheumatopsyche lestoni</i>	43
<i>Diplectrona felix</i>	1335
<i>Hydatopsyche</i>	89
<i>Hydromanicus</i>	72–92
<i>Hydromanicus abidu</i>	72, 73, 85, 89
<i>Hydromanicus adonis</i>	73, 89
<i>Hydromanicus calyx</i>	72, 85–89
<i>Hydromanicus canaliculatus</i>	73, 89
<i>Hydromanicus inferior</i>	72, 73, 89
<i>Hydromanicus klanklini</i>	73, 89
<i>Hydromanicus malayanus</i>	73, 89
<i>Hydromanicus nieuwenhuisi</i>	72, 89
<i>Hydromanicus serubabel</i>	72, 85, 89
<i>Hydromanicus umbonatus</i>	73, 89
<i>Hydropsyche</i>	9–16, 53
<i>Hydropsyche kozhantschikovi</i>	68, 70
<i>Hydropsyche pellucidula</i>	68
<i>Hydropsyche setensis</i>	155, 157
<i>Hydropsyche</i> sp. aff. <i>ornatula</i>	68
<i>Hydropsyche stimulans</i>	68
<i>Leptonema machadoi</i>	43
<i>Macrostemum capense</i>	43
<i>Macrostemum fenestratum</i>	57
<i>Macrostemum radiatum</i>	158
<i>Polymorphanisus elizabethae</i>	43
<i>Potamyia</i>	9–16
Hydroptilidae	24–33, 34, 39, 40, 41, 53, 70, 93–102, 186, 187
<i>Agraylea</i>	25, 26
<i>Caledonotrichia</i>	32
<i>Chrysotrichia</i>	93, 94
<i>Chrysotrichia bachma</i>	99, 100
<i>Chrysotrichia barbalis</i>	57
<i>Chrysotrichia barisan</i>	100
<i>Chrysotrichia choliona</i>	94
<i>Chrysotrichia echna</i>	94

<i>Chrysotrichia ganjil</i>	100	<i>Ugandatrichia honga</i>	.93, 94, 97–98
<i>Chrysotrichia hacha</i>	94	<i>Ugandatrichia navicularis</i>	.97
<i>Chrysotrichia hailana</i>	94	<i>Ugandatrichia sanana</i>	.93
<i>Chrysotrichia laoana</i>	.94, 100	Hydroptilinae	.32
<i>Chrysotrichia minutula</i>	.57	Ibrahimi, Halil	.7
<i>Chrysotrichia monga</i>	.94	Ice-age	.118–126
<i>Chrysotrichia quirinus</i>	.100	Iceland	.46–52, 118–126, 129, 133
<i>Chrysotrichia serrula</i>	.94, 100	Igea, J.	.32
<i>Chrysotrichia thira</i>	.94, 100	Ilmonen, J.	.51
<i>Chrysotrichia skamandros</i>	.100	India	.94, 112–117
<i>Hellyethira</i>	.24, 26, 27, 29, 30, 31	Sikkim	.112–117
<i>Hellyethira babuyana</i>	.57	Uttarakhand	.112–117
<i>Hellyethira litua</i>	.27, 29, 30	Inoue, E.	.158
<i>Hellyethira malleoforma</i>	.27, 29, 30	Integripalpia	.24, 68, 180, 187
<i>Hellyethira ramosa</i>	.25	Isdepsky, A.	.15
<i>Hydroptila</i>	.24, 25, 29, 42, 53	ITO, TOMIKO	.6, 7, 17–23, 32, 111, 159
<i>Hydroptila angulata</i>	.69	Ivanov, V.P.	.189
<i>Hydroptila basilobata</i>	.30	IVANOV, VLADIMIR D.	.6, 7, 60, 63–71, 91, 101, 150, 151, 179–190
<i>Hydroptila cornuta</i>	.30	Iwata, M.	.101, 158
<i>Hydroptila cubitans</i>	.30	Jäch, M.A.	.61
<i>Hydroptila dentata</i>	.30	Jacobus, L.M.	.92
<i>Hydroptila forcicata</i>	.30	Japan	.17–23, 103–111, 153–159
<i>Hydroptila kukensis</i>	.30	Jessen, K.	.133
<i>Hydroptila multilobata</i>	.30	Jing, X.	.189
<i>Hydroptila phenianica</i>	.155, 157	Jiraratananon, Ratana	.8
<i>Hydroptila robusta</i>	.25	Jóhannsson, M.	.51
<i>Hydroptila simplex</i>	.30	Johanson, K.A.	.33, 92, 102
<i>Hydroptila sp. (H. occulta Group)</i>	.69	Jónasson, P.M.	.133
<i>Hydroptila sp. (H. sparsa Group)</i>	.69	Jongejans, E.	.61
<i>Hydroptila tineoides</i>	.69, 70, 129, 130, 132	Jørgensen, L.L.	.133
<i>Hydroptila vectis</i>	.68, 70	Kadoya, T.	.60
<i>Hydroptila vernoni</i>	.25, 30	Kai algae	.9–16
<i>Hydroptilini</i>	.93	Kamezawa, K.	.158
<i>Ithytrichia</i>	.25	Karki, M.	.60
<i>Maydenoptila</i>	.28, 29, 32	Karplus, K.	.92
<i>Maydenoptila cuneola</i>	.28, 29	KAUR, SIMARJIT	.112–117
<i>Maydenoptila pseudorupina</i>	.28, 29	Kazakhstan	.63–71
<i>Maydenoptila baynesi</i>	.28, 29	northeastern	.63–71
<i>Orphnинотрихия</i>	.24, 26, 27, 28, 31	Khalifa, A.	.22
<i>Orphnинотрихия maculata</i>	.27	Kim, K.-w.	.91
<i>Orphnинотрихия rugosa</i>	.26, 27	Kimmins, D.E.	.133
<i>Orphnинотрихия squamosa</i>	.26	KIMURA, GORO	.153–159
<i>Orthotrichia</i>	.24, 25, 27, 29, 31, 32, 42	King, J.J.F.X.	.126
<i>Orthotrichia alata</i>	.27	Kiss, O.	.22
<i>Orthotrichia amnica</i>	.27	Kitching, I.J.	.60
<i>Orthotrichia angustella</i>	.69, 70	Kjærandsen, J.	.133
<i>Orthotrichia bishopi</i>	.25, 27	Kjer, K.M.	.32, 91, 92, 102, 125, 189
<i>Orthotrichia ligula</i>	.57	Klapálek, F.	.151, 189
<i>Orthotrichia muscari</i>	.25	Kobayashi, M.	.22, 111
<i>Orthotrichia tortuosa</i>	.27	Kobayashi, S.	.158
<i>Oxyethira</i>	.24, 25, 26, 27, 31, 42	Kondratieff, B.C.	.102
<i>Oxyethira columba</i>	.25	Korecki, James	.150
<i>Oxyethira falcata</i>	.68	Kozlov, M.V.	.189
<i>Oxyethira flavicornis</i>	.129, 132	Kraynyuk, V.N.	.71
<i>Pseudoxyethira</i>	.29, 32	KREILING, AGNES-KATHARINA	.7, 46–52, 133
<i>Pseudoxyethira willcairnsi</i>	.28	KRISTJÁNSSON, BJARNI K.	.46–52, 126
<i>Stactobia</i>	.57	Kritpracha, Boonprasit	.8
<i>Stactobiini</i>	.93	Kucinic, Mladen	.7
<i>Stenoxyethira</i>	.42	Kuhara, Naotoshi	.7, 22, 111
<i>Tangatrichia</i>	.42	Kumanski, K.	.22
<i>Tricholeiochiton</i>	.42	Kunaviktilikul, Wipada	.8
<i>Ugandatrichia</i>	.10, 93, 105	Kunpradid, T.	.15
<i>Ugandatrichia frigorsi</i>	.93	KURANISHI, RYOICHI B.	.6, 8, 153–159
<i>Ugandatrichia hairanga</i>	.93		

Kushnikova, L.	71
Kynast, R.G.	33
Land, M.F.	134
Landvik, J.Y.	125
Larsen, D.J.	125
Larsson, M.C.	189
larvae	9–16, 24–33, 34–45, 46–52, 72–92, 127–134
LAUDEE, PONGSAK	5–8, 15, 101, 116, 188
Lecaudey, Lauréne Alicia	125, 126
Ledón-Rettig, C.	32
Lee, R.E.	15
Lenat, D.R.	91
Leonovich, S.A.	189
Lepidostomatidae	17–23, 70
<i>Crunoecia kempnyi</i>	135
<i>Lepidostoma</i>	17–23, 70
<i>Lepidostoma (Dinarthrum) kasachstanicum</i>	69
<i>Lepidostoma (Dinarthrum) reductum</i>	69
<i>Lepidostoma (Dinarthrum) sp. aff. kazakhstanicum</i>	69
<i>Lepidostoma (Maniconeura) stubbei</i>	69
<i>Lepidostoma complicatum</i>	17–23
<i>Lepidostoma itoae</i>	17–23
<i>Lepidostoma satoi</i>	17–23
Leptoceridae	19, 34, 39, 40, 41, 53, 59, 70
<i>Adicella</i>	43, 53, 58
<i>Adicella linearia</i>	58
<i>Athripsodes bergensis</i>	167, 168, 170, 172, 173 175, 177
<i>Athripsodes bomana</i>	43
<i>Athripsodes prionii</i>	171
<i>Athripsodes schoenobates</i>	169, 172
<i>Ceraclea (Pseudoleptocerus)</i>	44
<i>Ceraclea</i> sp.n.	69
<i>Leptocera pediculata</i>	44
<i>Leptocerus</i>	44, 53, 59
<i>Leptocerus</i> sp. nr. <i>amphioxus</i>	44
<i>Leptocerus circumflexus</i>	58
<i>Leptocerus membranellus</i>	58
<i>Leptocerus palaservius</i>	58
<i>Leptocerus similis</i>	69
<i>Leptocerus ultimus</i>	58
<i>Mystacides dentatus</i>	69
<i>Oecetis</i>	43, 53, 58, 59
<i>Oecetis aequatorialis</i>	42, 43
<i>Oecetis africana</i>	43
<i>Oecetis alticolaria</i>	58, 59
<i>Oecetis antennata</i>	155, 157
<i>Oecetis ausani</i>	58
<i>Oecetis flavicoma</i>	58
<i>Oecetis luenae</i>	43
<i>Oecetis</i> sp. nr. <i>machadoi</i>	43
<i>Oecetis ochracea</i>	69
<i>Oecetis oecetinellae</i>	58
<i>Oecetis panayensis</i>	58
<i>Oecetis quezonensis</i>	58
<i>Oecetis scutata</i>	58
<i>Oecetis seteni</i>	43
<i>Oecetis tripunctata</i>	69
<i>Oecetis. catenulata</i>	58
<i>Parasetodes nebulosus</i>	44
<i>Ptochoecetis</i>	43
<i>Setodes aethiopica</i> Group	44
<i>Tagalopsycche</i>	53
<i>Tagalopsycche brunneoides</i>	58
<i>Triaenodes</i>	43, 53, 58
<i>Triaenodes (Ylodes) internus</i>	69
<i>Triaenodes aberrans</i>	43
<i>Triaenodes kawraiskii</i>	69
<i>Trichosetodes japonicus</i>	155, 157
<i>Tripectides</i>	53
<i>Tripectides variipennis</i>	58
Leucotrichiinae	32
Levanidova, I.M.	189
Lexer, C.	33
Li, W.	92
Li, Y-w.	91, 92, 116
light sticks	153–159
Lillehammer, A.	51
Limnephilidae	46, 70, 179
<i>Anabolia lombarda</i>	135
<i>Asynarchus lapponicus</i>	136, 138
<i>Halesus radiatus</i>	129, 132
<i>Limnephilus affinis</i>	46–52, 129, 132
<i>Limnephilus centralis</i>	123
<i>Limnephilus fenestratus</i>	118, 122, 124
<i>Limnephilus griseus</i>	46–52, 127, 132
<i>Limnephilus ignavus</i>	129, 132
<i>Limnephilus marmoratus</i>	129, 132
<i>Limnephilus picturatus</i>	118, 122, 124
<i>Limnephilus rhombicus</i>	129, 132
<i>Limnephilus sparsus</i>	127, 130, 132
<i>Limnephilus vittatus</i>	129, 132
<i>Mesophylax impunctatus</i>	129, 132, 136, 140
<i>Mesophylax impunctatus zetlandicus</i>	136
<i>Metanoea rhaetica</i>	135
<i>Micropterna muehleni</i>	69
<i>Platycentropus radiatus</i>	146
<i>Potamophylax cingulatus</i>	46, 49, 50, 118, 121, 122, 125
<i>Potamophylax rotundipennis</i>	69
Lin, Yuan-chien	7
Lingle, A.H.	16
Linnaeus, C.	51, 133, 189
Linsenmair, K.E.	60
Liu, H.	189
Liu, J.	189
Liu, Zh.	189
Löfstedt, C.	189
longitudinal river course	53–62
Lopez, R.	92
Lophocoronidae	179
Löve, A.	126
Löve, D.	126
Lüer, C.	160
Lukashevich, Elena	188
MacArthur, R.	133
Maddison, D.R.	91
Maddison, W.P.	91
Madrus, M.R.	16
Maestri, S.	61
Magnúsdóttir, Hildur	50
Mahasarakham University	5
Maheswaran, G.	60
Mai, V.S.	90, 101
Maiolini, B.	51
male genitalia	103–111, 113, 114, 115, 116, 144, 145, 146, 147, 148, 150
Malicky, Gudrun	7
MALICKY, HANS	5, 6, 7, 15, 32, 61, 90, 91, 92, 101, 116, 117, 129, 133, 135–142,

150, 151, 152	
Malkin, S.Y.	15
Mano, Takahiro	111
Marcolungo, L.	61
Marlier, G.	45, 151
Márquez-Rodríguez, J.	142
Marshall, J.E.	32
Martynov, A.V.	158, 189
Masteller, E.C.	60
Matsumoto, K.	22
Mattern, Dirk	7
Maximum Likelihood	72–92
Mayhew, P.J.	190
McCafferty, W.P.	92
McDougall, I.	32
McILLERON, W. GEOFF	160–178
McLachlan, R.	101, 126, 134, 158, 189, 190
McWilliam, H.	92
Mdidimba, Nonkazimulo	44
Meijering, M.P.M.	60
MELNITSKY, STANISLAV I.	7, 63–71, 151, 189, 190
Menegon, M.	61
Meropidae	180
MEY, WOLFRAM	6, 7, 53–62, 101, 151,
Meyer, T.J.	134
Micropterigidae	179, 180, 183, 185, 187
<i>Micropterix aruncella</i>	180, 183, 185, 187
Mikkola Kauri	159
Miller, G.H.	125
Milne, M.J.	91
Milton, M.A.	102
Mitrofanov, V.P.	71
Miyashita, T.	60
Mnqeta, Zezethu	44
Moczek, A.P.	32, 33
Mohan Kumar, B.	60
Mohapatra, A.	60
Moheimani, N.R.	15
Molanidae	179
Moor, Sylvia de	44
Moretti, G.P.	51, 126, 142
Morinière, J.	102
Morita, Hisayuki	111
morphology	72–92
MORSE, JOHN C.	... 5–8, 60, 61, 71, 72–92, 93–102, 111, 116, 117, 150, 151, 189, 190, 191–203
Mosely, M.E.	32, 92, 101, 151
Moulton, S.R.	92
Moxico	34–45
Müller, A.	61
Munkhjargal, G.	91
Muñoz, S.	90
Munoz, Sonia S.	50, 125, 126
Munroe, E.G.	159
Murakami, Toshiaki	111
MURRAY-STOKER, KELLY M.	72–92, 93–102
Mwangi, F.N.	102
Myers, M.J.	51
Nagel, P.	51
Nakano, S.	158
Nakashizuka, T.	60
Nakhon Si Thammarat Province	5
Nannochoristidae	180
<i>Nannochorista andina</i>	180
Nantakwang, Arith	6, 8
natural history	127–134
Navás, L.	151
near-UV light	153–159
Neboiss, A.	32
Nessimian, J.L.	33
Neu, Peter J.	6, 142
Newman, E.	190
Nguyễn, T.M.	90, 101
Nguyễn, V.H.	90, 101
Niamir, A.	60
Nicholson, D.B.	190
Nielsen, A.	32, 117, 134
Nielsen, J.C.	134
Nijhout, H.F.	32
Nilsson, A.	126, 134
Nilsson, T.	22
Nishimoto, Futaba	7, 111, 159
NISHIMOTO, HIROYUKI	7, 103–111, 159
Njunjić, I.	61
Nordal, I.	125
Nørrevang, A.	134
Norup, M.V.	33
Nostocaceae	
<i>Nostoc</i>	14
Novák, K.	22
Nowinszky, L.	22
Nozaki, T.	22, 148, 151, 158
nuisance	153–159
Nuntakwang, A.	101
O'Connor, James	6, 116, 142
Ochrotrichiinae	24, 32
Odontoceridae	
<i>Odontocerum albicorne</i>	135
Oedogoniaceae	
<i>Oedogonium</i>	11, 12, 13
Ogbogu, Sylvester S.	6
Ohkawa, A.	111
Okavango	34–45
Okayasu, S.	60
Ólafsdóttir, S.	125
Ólafsson, E.	51, 126
Ólafsson, J.S.	51
Oláh, J.	15, 33, 92, 102
Orthotrichiinae	32
Oscillatoriaceae	
<i>Blennothrix</i>	11, 12, 13
Osgood, H.	159
Óskarsdóttir, A.V.	52
Otto, C.	61, 190
Ottósson, J.G.	133
Paasivirta, L.	51
Palawan	53–62
PÁLSSON, SNAEBJÖRN	50, 51, 118–126, 133
Panagiotaoulu, E.	125
PANDHER, MANPREET SINGH	7, 112–117
Panorpidae	180, 183, 186
<i>Panorpa communis</i>	180, 183, 186
Papadopoulos, A.S.T.	32, 33
PAREY, SAJAD HUSSAIN	7, 112–117
Park, Sun Jin	7
Parlato, S.J.	159
Parsimony	72–92

Paterno, M.	61
Pauls, Steffen U.	8, 102
Pedersen, B.V.	134
Peerapornpisal, Y.	16
Pennington, M.	45, 126
Penrose, D.L.	91
Perkins, Philip D.	150
Permkam, S.	92
Perry, D.W.	125
pest management	153–159
Peterson, B.V.	126
Peterson, D.G.	159
Petersson, E.	22
Pfennig, D.W.	32, 33
PHAM, THAI HONG	72–92, 93–102
Philippines	53–62
Philipson, G.N.	126, 134
Philopotamidae	34, 39, 53, 70, 179, 180, 187
<i>Chimarra ambulans</i>	172, 176
<i>Chimarra angolensis</i>	42
<i>Chimarra divergens</i>	42
<i>Chimarra elga</i>	42
<i>Chimarra falcifera</i>	42
<i>Chimarra ligula</i>	57
<i>Chimarra marginata</i>	135
<i>Dolophilodes ornata</i>	68
photography technique	160–178
Phryganeidae	46, 179
<i>Agrypnia obsoleta</i>	129, 132
Phutthanurak, Terdthai	7–8
phylogeny	143–152
Pictet, F.J.	61, 92, 134
Piggott, J.J.	60
Pilin, D.	71
Pinder, L.C.V.	126
Pinnulariaceae	
<i>Pinnularia</i>	12
Piraonapicha, Kanyakom	8
Pohl, H.	189
polyandry	17–23
Polycentropodidae	
<i>Pahamunaya panagumani</i>	57
<i>Nyctiophylax gaditana</i>	135
<i>Plectrocnemia conspersa</i>	68, 70, 127
<i>Plectrocnemia geniculata</i>	129, 132
<i>Polyleptopus himachalica</i>	112
<i>Polycentropus flavomaculatus</i>	68, 129, 130, 132
<i>Polyleptopus</i>	112–117
<i>Polyleptopus anakjari</i>	113
<i>Polyleptopus antinoos</i>	112
<i>Polyleptopus dairi</i>	116
<i>Polyleptopus dhinkari</i>	112
<i>Polyleptopus diniel</i>	112
<i>Polyleptopus melchi</i>	112
<i>Polyleptopus menna</i>	113
<i>Polyleptopus nam</i>	113
<i>Polyleptopus purolaensis</i>	113–114
<i>Polyleptopus ranauensis</i>	113
<i>Polyleptopus sainii</i>	112
<i>Polyleptopus sikkimensis</i>	115–116
Pongput, K.	16
Poovorawan, Yong	8
Porter, D.	32
Powell, M.P.	33
Pralomkarn, Winai	8
Prather, A.	92, 105
Prather, A.L.	32, 90, 101
Prendini, E.	91
Price, B.	159
Prince of Songkla University	5, 6, 116
Prommi, Taeng-On	6, 7, 15, 16, 92, 101, 102
Promwong, Wongphan	8
protogyny	17–23
Pruetiworanan, S.	16
Pseudoneureclipsidae	
<i>Antilopsyche</i>	136, 140
<i>Pseudoneureclipsis</i>	136, 140
<i>Pseudoneureclipsis extensata</i>	57, 59
Psychomyiidae	
<i>Psychomyia serrata</i>	103, 107, 109–110
Psychomyiidae	87
<i>Paduniella</i>	136, 141
<i>Paduniella bidentosa</i>	57
<i>Paduniella nearctica</i>	136
<i>Paduniella tanida</i>	153–159
<i>Psychomyia</i>	103–111, 155, 157
<i>Psychomyia acutipennis</i>	103, 157
<i>Psychomyia armata</i>	103
<i>Psychomyia billnis</i>	103
<i>Psychomyia curvicacumen</i>	103, 107–108
<i>Psychomyia flavida</i>	103
<i>Psychomyia incisa</i>	103, 108–109
<i>Psychomyia morishitai</i>	103
<i>Psychomyia nipponica</i> Species Complex	103–111
<i>Psychomyia pseudonipponica</i>	103, 104, 106, 107
<i>Psychomyia quadridentata</i>	103, 110
<i>Tinodes maclachlani</i>	129, 132
<i>Tinodes sanctipauli</i>	57
<i>Tinodes waeneri</i>	129, 132
Psychomyioidea	146
Ptilocolepidae	
<i>Ptilocolepus</i>	135
Puskaïs, J.	22
Qiu, S.	90
Quan, X.	32
quantitative samples	53
Quicke, L.J.	189
Raastad, J.E.	126
Raghunathan, C.	60
Rambur, P.	159
Rasmussen, R.	133
Rasnitsyn, A.P.	189
Ratnasingham, S.	92
Rattanapanone, Nithiya	8
Rawal, R.	60
Rawat, G.S.	60
Rawi, C.S.M.	16
Razuri-Gonzales, Ernesto	8
Remmert, M.	92
Ren, D.	190
Resh, V.H.	51, 92
Rhyacophilidae	24, 53, 70, 136, 179, 180, 181, 187
<i>Rhyacophila</i>	10, 53, 78
<i>Rhyacophila angulata</i>	68
<i>Rhyacophila aphrodite</i>	135
<i>Rhyacophila aurata</i>	135
<i>Rhyacophila dorsalis</i>	127, 130, 132, 135
<i>Rhyacophila gudrunae</i>	135

<i>Rhyacophila italicica</i>	135	sensory field	182
<i>Rhyacophila pallida</i>	135	sensory structures	179–190
<i>Rhyacophila rougemonti</i>	135	Sericostomatidae	
<i>Rhyacophila sibirica</i>	68	<i>Aclosma</i>	44
<i>Rhyacophila tarda</i>	135	Shackleton, M.	102
<i>Rhyacophila trifasciata</i>	135	Shear, W.A.	32
<i>Rhyacophila vallei</i>	135	Sheppard, A.	60
Rinne, A.	102	Shimoda, M.	159
Rithidej, Gampimol	8	Shirayama, Y.	60
river systems	34–45	Shire, J.	134
Robinson, J.L.	102	Shozo, Watanabe	7
Ross, A.J.	190	Siepel, H.	61
Ross, E.	125	Sievers, F.	92
Ross, H.H.	92, 151, 190	Sigfusson, A.	51
Rossato, M.	61	Silalom, S.	16
Rossiter, A.	101, 102	Silveri, L.	51
Ruiter, David E.	22, 111	Simmons, L.W.	22
Ruiz-García, A.	142	Símonarson, L.A.	125
Rutherford, G.K.	134	Sinitisina, E.E.	190
Sæther, O.A.	151	Skelton, Paul	44
Saito, R.	32	SKLYAROVA, OLGA N.	63–71
Salamin, N.	33	Slik, F.	61
Salokannel, J.	102	Smadja, C.M.	32
Sanabria, Maria J.	8	SMIRNOVA, DINAA.	7, 63–71
Sangpradub, N.	16, 91	Smith, Brian	7, 102
Santos, Allan P.M.	7, 33	Smith, J.M.B.	61
Santos, Sofia T.	8	Snell-Rood, E.C.	33
Sathiamurthy, E.	61	Snyder, B.D.	90
Sato, T.	151	Söding, J.	92
Saur Mountains	63–71	Solem, J.O.	126, 134
Savolainen, V.	32, 33	Sombatpanit, S.	16
Say, T.	151	Son, Y.	60
Scheffter, P.	101	Sorg, M.	61
Scheifhucken, N.	51	Southeast Asia	9, 32, 93–102, 143
Schilthuizen, M.	61	Spärck, R.	133, 134
Schlichting, C.D.	33	species	63–71
Schmid, F.	92, 102, 111, 150, 151, 190	species description	93–102
Schmidt-Kloiber, A.	142	spermatophores	17–23
Schuster, G.A.	151	Springate, D.	33
Schwan, H.	61	springs	46–52
Scopoli, J.A.	190	Sripanya, Jutamas	8
Scott, E.	189	Stactobiinae	32
Scott, K.M.F.	178	Stamatakis, A.	92, 102
Seetapan, Kriengkrai	7, 102	Stark, B.P.	92
Sehnal, F.	22	Statzner, B.	61
Senaratna Sellamuttu, S.	60	StClair, R.	102
sensilla		Stenmans, W.	61
ascoid	183, 185, 186	Stenopsychidae	
auricillic	186, 188	<i>Stenopsyche marmorata</i>	68
auricillica	187, 188	Stephens, J.F.	52, 61, 102, 126, 134, 190
basiconic	186, 187, 188	Stewart, K.W.	92
chaetoid	179, 181, 182, 184, 185, 186, 187	Sthiannopkao, S.	91
coeloconic	179, 181, 183, 184, 186, 187, 187	Stone, D.B.	32
coelosphaerica	187	Stopshot	178
coronary	179, 181, 182, 183, 184, 185, 186, 187, 188	Stribling, J.B.	90
curved trichoid	179, 181, 182, 183, 184, 185, 186, 187, 188	Sukatsheva, I.D.	189, 190
long grooved trichoid	181, 182, 183	Sukvibool, C.	16
long trichoid	179, 181, 183, 184, 185, 186, 187, 188	Sultan, S.	32
placodea	187, 188	Sumser, H.	61
pseudoplacoid	179, 181, 182, 183, 184, 185, 186, 187, 188	Sun, Ch-h.	71, 92, 102
rosetted placodea	187	Surat Thani Province	5
short trichoid	186	Surber, E.W.	134
styloconic	179, 181, 183, 184, 185, 186, 187, 188	Suriyawong, Phuchiwan	8
sensilla location	179–190	Suwannarat, Nanaphat	7

Suzuki, W.	60	
Svabo, J.C.	134	
Svavarsson, J.	126	
Svensson, B.W.	22	
Swofford, D.L.	92	
systematics	113, 138, 143–152	
Tachet, H.	23, 51	
Tagun, R.	15	
Takamura, N.	60	
Takeaw, S.	16	
Takemon, Y.	61, 158	
Takiya, Daniela M.	8, 33	
Tanida, Kazumi	6, 61, 91, 101, 102, 111, 158, 159	
Tanikawa, T.	158	
Tarbagatay Mountains	63–71	
taxonomy	103–111	
Taylor, C.E.B.	134	
Tempelman, David	7	
Terra, L.S.W.	23	
Thailand	5, 9, 81, 83, 85, 94, 96, 97, 113, 116, 136, 138 Nan Province	9–16
Thaler, K.	142	
Thamseranupap, Penkhae	5, 6, 7, 16	
Thani, Isara	6, 7	
THAPANYA, DECHA	5, 6, 8, 9–16, 101	
Tharp, M.	126	
Thawarorit, Kitiya	8, 16	
Thomas, J.A.	61, 91, 102, 189	
Thompson, J.D.	92	
Thomson, Robin	5, 6, 8	
Thongdej, N.	16	
Thorhallsdóttir, T.E.	125	
Thremmatidae		
<i>Thremma</i>	135	
Thwin, S.	60	
Tian, L-x.	91, 92	
Timirkhanov, S.	71	
Tishechkin, A.K.	90	
Tjeder, B.	125, 190	
Tô, T.H.Y.	90, 101	
Tobias, W.	126	
Togashi, S.	151	
Torii, Takaaki	6, 111	
TRAICHAIYAPORN, SIRIPEN	9–16	
Trichoptera	17–23, 143–152, 160–178	
Tsuda, M.	111, 151, 159	
Tsukaguchi, Shigehiko	111	
Tucker, J.B.	134	
Turnbull, C.G.N.	32	
Tuxen, S.L.	52, 134	
Uenoidae		
<i>Neophylax consimilis</i>	146	
Uhler, P.R.	151	
Ulmer, G.	92, 102, 111, 117, 134, 152	
ultra-high-speed LED flash	160–178	
ultrastructure	179–190	
University of Minnesota	5	
Unzicker, J.D.	92	
Usseglio-Polatera, P.	23	
Uvalieva, K.K.	71	
Uy, Christine Jewel C.	6, 8, 61–62	
VALUYSKIY, MIKHAIL YU.	7, 179–190	
Van den Hoek, C.	16	
Varga, Z.	142	
Vasquez, L.	90	
Vela One Flash	178	
Vietnam	72–92, 93–102	
Vilarino, Albane		
Vincent	178	
Vitecek, Simon	6, 133	
Vollrath, F.	32	
von Fumetti, S.	51	
Voris, H.K.	61	
Vshivkova, T.S.	91, 101, 189, 190	
Waiyaka, P.	15	
Walker, F.	152	
Walker, F.A.	134	
Wallace, B.	126, 134	
Wallace, I.D.	126, 134	
Wallace, J.B.	15, 16	
Wallengren, H.D.J.	62, 190	
Wang, B-x.	91, 102	
Wang, X.	190	
Wangpimool, W.	16	
Waringer, J.A.	159	
WEAVER, JOHN S. III	7, 22, 143–152	
WELLS, ALICE	6, 7, 24–33, 62, 102, 152, 190	
Wewalka, G.	61	
Whitton, B.A.	16	
Wiberg-Larsen, Peter	6, 125, 133	
Wichard, Wilfried	6, 150, 152	
Wiggins, G.B.	33, 92, 189	
Wilms, A.	92	
Wilson, E.O.	133	
Wrege, C.	90	
Wund, M.A.	33	
Xiphocentronidae		
<i>Abaria</i>	85	
<i>Abaria heliantha</i>	57	
<i>Cnoodcentron</i>	85	
<i>Cnoodcentron yavapai</i>	72, 84	
<i>Drepanocentron</i>	57, 72–92	
<i>Drepanocentron dentatum</i>	72, 80–85	
<i>Drepanocentron vercarius</i>	72, 81, 83, 84	
<i>Machairocentron</i>	85	
<i>Melanotrichia</i>	85	
<i>Proxiphocentron</i>	85	
<i>Proxiphocentroninae</i>	85	
<i>Xiphocentron</i>	85, 146	
<i>Xiphocentron messapus</i>	72, 84	
<i>Xiphocentron mexico</i>	84	
<i>Xiphocentroninae</i>	85	
Xu, J.	90	
Xue, Y.	102	
Yadamsuren, O.	92	
Yahara, T.	60	
Yamakita, T.	60	
Yamamoto, E.	22	
Yang, Lianfang	6, 71, 91, 92, 102, 117, 190	
Yang, M.	189	
Yule, C.M.	91	
Zaika, V.V.	71	
Zambezi	34	
Zamora-Muñoz, C.	102	
Zetterstedt, J.W.	52, 126	
Zhang, J.	189	
Zhang, M.	178	
Zhang, Z.-Q.	32	

Zhong, H.....	117
Zhou, Xin.....	6, 7, 90, 91, 92, 102, 189
Zhou, Y.....	190
Zhukovskaya, M.I.....	190
Ziesmann, T.....	102
zoogeography.....	63–71, 135–142
Zueva, L.V.....	190