

Genus	Supplement_1															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
	Timor	Changning- Menglian_bel t	S_China	Iran_Vazh nan	Iran_Ana rak	Turkey	C_Alps	C_Asia	S_Urals	Donets	Moscow_ Basin	C_Urals	Timan- Pechora	Spits	Green- land	
<i>Andersonites</i>	23	0	1	3	2	5	0	4	8	19	4	3	5	3	3	3
<i>Biwaella</i>	24	3	0	1	0	1	0	1	4	2	2	1	0	0	1	0
<i>Boultonia</i>	27	0	0	1	0	0	1	1	1	0	1	0	0	1	1	0
<i>Daixina</i>	31	0	1	0	0	0	1	2	1	5	2	1	0	2	3	2
<i>Dutkevichites</i>	34	0	0	0	0	0	1	0	4	1	2	0	0	0	0	0
<i>Dutkevitchia</i>	35	0	0	0	0	0	0	4	3	8	4	1	0	0	0	0
<i>Likharevites</i>	46	0	0	2	0	3	0	3	4	4	3	3	3	1	1	0
<i>Occidentoschwagerina</i>	51	0	0	0	1	2	0	4	2	7	3	1	6	0	3	0
<i>Plectofusulina</i>	55	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1
<i>Praepseudofusulina</i>	56	0	0	0	4	4	0	1	16	21	9	8	6	3	0	0
<i>Pseudofusulinella</i>	65	0	0	0	0	0	0	0	0	2	0	1	2	3	3	2
<i>Quasifusulina</i>	70	0	0	1	1	1	1	3	2	4	3	4	1	3	2	1
<i>Rugosochusenella</i>	76	0	2	6	1	2	1	3	10	9	1	3	5	2	1	0
<i>Rugosofusulina</i>	84	0	1	1	1	4	1	8	12	16	4	4	3	2	0	0
<i>Ruzhenzevites</i>	89	0	0	0	5	4	0	2	4	0	0	0	0	0	0	0
<i>Shagonella</i>	91	0	0	0	0	0	0	2	2	1	4	1	0	0	0	0
<i>Schellwienia</i>	92	4	2	3	7	8	3	7	6	14	18	4	5	8	12	12
<i>Schubertella</i>	115	2	2	1	2	2	2	4	5	3	4	2	2	2	2	1
<i>Schwagerina</i>	116	7	3	5	0	0	0	4	9	16	3	8	9	4	8	0
<i>Schwageriniformis</i>	134	0	1	1	1	1	1	4	12	15	1	0	0	2	1	0
<i>Ultradaixina</i>	137	0	1	2	1	3	0	3	4	4	3	1	0	0	0	0

Species		1	2	3	4	5	6
		Timor	Changning –Menglian _belt	South_Chi na	Iran_Vazh nan	Central_Ir an_(Anara k)	Turkey_ Taurides
<i>Andersonites_acuminulata</i>	1	0	0	0	0	0	0
<i>Andersonites_asherinensis</i>	2	0	0	0	0	0	0
<i>Andersonites_cognata</i>	3	0	0	0	0	0	0
<i>Andersonites_elegans</i>	4	0	0	0	0	1	0
<i>Andersonites_excessa</i>	5	0	0	0	0	0	0
<i>Andersonites_explicata</i>	6	0	0	0	0	0	0
<i>Andersonites_genus</i>	7	0	1	0	1	1	0
<i>Andersonites_gregaria</i>	8	0	0	0	0	0	0
<i>Andersonites_huangshigonens</i>	9	0	0	1	0	0	0
<i>Andersonites_inconstans</i>	10	0	0	0	0	0	0
<i>Andersonites_kushanica</i>	11	0	0	0	0	0	0
<i>Andersonites_manjuscula</i>	12	0	0	0	0	0	0
<i>Andersonites_narjanmarica</i>	13	0	0	0	0	1	0
<i>Andersonites_pandjiensis</i>	14	0	1	0	0	0	0
<i>Andersonites_paraanderssoni</i>	15	0	0	0	1	1	0
<i>Andersonites_paraervinensis</i>	16	0	0	0	0	0	0
<i>Andersonites_praegregaria</i>	17	0	0	0	0	0	0
<i>Andersonites_pseudoandersso</i>	18	0	0	0	0	0	0
<i>Andersonites_rostovzevae</i>	19	0	0	0	0	0	0
<i>Andersonites_simplex</i>	20	0	0	0	0	1	0
<i>Andersonites_subovatus</i>	21	0	0	0	0	0	0
<i>Andersonites_triangulates</i>	22	0	0	0	0	0	0
<i>Andersonites_tumidula</i>	23	0	0	0	0	0	0
<i>Andersonites_zarjajae</i>	24	0	0	0	1	1	0
<i>Andersonites_latiterminosa</i>	25	0	0	0	0	1	0
<i>Andersonites_ognevae</i>	26	0	0	0	0	0	0
<i>Biwaella_genus</i>	27	1	0	1	1	0	0
<i>Biwaella_poletaevi</i>	28	1	0	0	0	0	0
<i>Biwaella_zhikalyaki</i>	29	1	0	0	0	0	0
<i>Boultonia_genus</i>	30	0	0	1	0	0	1
<i>Daixina_enormis</i>	31	0	0	0	0	0	0
<i>Daixina_genus</i>	32	0	1	0	0	0	0
<i>Daixina_naviculaeformis</i>	33	0	0	0	0	0	0
<i>Daixina_sokensis</i>	34	0	0	0	0	0	0
<i>Daixina_vasyilkovskyi</i>	35	0	0	0	0	0	0
<i>Dutkevichites_darvasica</i>	36	0	0	0	0	0	0
<i>Dutkevichites_genus</i>	37	0	0	0	0	0	1
<i>Dutkevitchia_bimorpha</i>	38	0	0	0	0	0	0

<i>Dutkevitchia_dastarensis</i>	39	0	0	0	0	0	0
<i>Dutkevitchia_distincta</i>	40	0	0	0	0	0	0
<i>Dutkevitchia_expansa</i>	41	0	0	0	0	0	0
<i>Dutkevitchia_genus</i>	42	0	0	0	0	0	0
<i>Dutkevitchia_kargalensis</i>	43	0	0	0	0	0	0
<i>Dutkevitchia_miniouensis</i>	44	0	0	0	0	0	0
<i>Dutkevitchia_pandzhiensis</i>	45	0	0	0	0	0	0
<i>Dutkevitchia_panjiensis</i>	46	0	0	0	0	0	0
<i>Dutkevitchia_ruzhenzevi</i>	47	0	0	0	0	0	0
<i>Dutkevitchia_tachygrada</i>	48	0	0	0	0	0	0
<i>Likharevites_sartauensis</i>	49	0	0	0	0	1	1
<i>Likharevites_auritus</i>	50	0	0	1	0	0	0
<i>Likharevites_bianpingensis</i>	51	0	0	1	0	0	0
<i>Likharevites_fornicatus</i>	52	0	0	0	0	0	0
<i>Likharevites_insolitus</i>	54	0	0	0	0	0	0
<i>Likharevites_subschwagerinoides</i>	55	0	0	0	0	0	0
<i>Likharevites_uniensis</i>	56	0	0	0	0	0	0
<i>Occidentoschwagerina_acerbicornis</i>	57	0	0	0	0	0	0
<i>Occidentoschwagerina_alpina</i>	58	0	0	0	0	0	0
<i>Occidentoschwagerina_ancestralis</i>	59	0	0	0	0	1	0
<i>Occidentoschwagerina_ech拉克</i>	60	0	0	0	0	0	0
<i>Occidentoschwagerina_genus</i>	61	0	0	0	0	2	0
<i>Occidentoschwagerina_kizilkieviana</i>	62	0	0	0	0	0	0
<i>Occidentoschwagerina_konoviana</i>	63	0	0	0	0	0	0
<i>Occidentoschwagerina_kosvarensis</i>	64	0	0	0	0	1	0
<i>Occidentoschwagerina_simplex</i>	65	0	0	0	0	1	0
<i>Praepseudofusulina_antropoviana</i>	67	0	0	0	0	0	0
<i>Praepseudofusulina_buzulukensis</i>	68	0	0	0	1	1	0
<i>Praepseudofusulina_cara</i>	69	0	0	0	1	0	0
<i>Praepseudofusulina_circumtexta</i>	70	0	0	0	0	0	0
<i>Praepseudofusulina_cognata</i>	71	0	0	0	0	0	0
<i>Praepseudofusulina_dissimilis</i>	72	0	0	0	0	0	0
<i>Praepseudofusulina_fastuosa</i>	73	0	0	9	0	0	0
<i>Praepseudofusulina_hovunensis</i>	75	0	0	0	0	0	0
<i>Praepseudofusulina_ikensis</i>	76	0	0	0	0	0	0
<i>Praepseudofusulina_impercepta</i>	77	0	0	0	0	0	0
<i>Praepseudofusulina_nana</i>	78	0	0	0	0	1	0
<i>Praepseudofusulina_genus</i>	79	0	0	0	0	1	0
<i>Praepseudofusulina_netcatcheri</i>	80	0	0	0	0	0	0
<i>Praepseudofusulina_netkatcheri</i>	81	0	0	0	0	0	0
<i>Praepseudofusulina_orenburgensis</i>	82	0	0	0	0	1	0
<i>Praepseudofusulina_prolata</i>	83	0	0	0	0	0	0
<i>Praepseudofusulina_saratoverensis</i>	84	0	0	0	0	0	0
<i>Praepseudofusulina_urmarensis</i>	85	0	0	0	0	0	0

<i>Praepseudofusulina_diserta</i>	86	0	0	0	0	0	0
<i>Pseudofusulinella_anna</i>	87	0	0	0	0	0	0
<i>Pseudofusulinella_delicata</i>	88	0	0	0	0	0	0
<i>Pseudofusulinella_genus</i>	89	0	0	0	0	0	0
<i>Pseudofusulinella_usvae</i>	90	0	0	0	0	0	0
<i>Pseudofusulinella_zelleri</i>	91	0	0	0	0	0	0
<i>Quasifusulina_cayeuxi</i>	92	0	0	1	0	1	0
<i>Quasifusulina_genus</i>	93	0	0	1	1	1	1
<i>Quasifusulina_kaspiensis</i>	94	0	0	0	0	0	0
<i>Quasifusulina_longissima</i>	95	0	0	0	0	0	1
<i>Quasifusulina_phaseolus</i>	96	0	0	1	0	0	0
<i>Quasifusulina_pseudoelongata</i>	97	0	0	1	1	0	0
<i>Rugosochusenella_ascedens</i>	98	0	0	0	0	0	0
<i>Rugosochusenella_bicornis</i>	99	0	0	1	0	0	0
<i>Rugosochusenella_genus</i>	100	0	0	1	1	1	1
<i>Rugosochusenella_hutiensis</i>	101	0	0	1	0	0	0
<i>Rugosochusenella_kalaikukhna</i>	102	0	0	0	0	0	0
<i>Rugosochusenella_paragregar</i>	103	0	0	1	0	1	0
<i>Rugosochusenella_pseudogregaria</i>	104	0	1	1	0	1	0
<i>Rugosochusenella_shagoniens</i>	105	0	0	1	0	0	1
<i>Rugosochusenella_shustovens</i>	106	0	0	0	0	0	0
<i>Rugosochusenella_simplex</i>	107	0	0	0	0	0	0
<i>Rugosochusenella_tumida</i>	108	0	0	0	0	0	0
<i>Rugosofusulina_aktjubensis</i>	109	0	0	0	0	0	0
<i>Rugosofusulina_directa</i>	110	0	0	0	0	1	0
<i>Rugosofusulina_genus</i>	111	0	1	1	1	1	1
<i>Rugosofusulina_likana</i>	112	0	0	0	0	0	0
<i>Rugosofusulina_maturusa</i>	113	0	0	1	0	0	0
<i>Rugosofusulina_postprisca</i>	114	0	0	0	0	0	0
<i>Rugosofusulina_stabilis</i>	115	0	0	0	0	0	0
<i>Rugosofusulina_subundulata</i>	116	0	0	0	0	0	0
<i>Ruzhencevites_brevis</i>	117	0	0	0	0	1	0
<i>Ruzhencevites_curtatus</i>	118	0	0	0	1	0	0
<i>Ruzhencevites_ferganensis</i>	119	0	0	0	1	1	0
<i>Ruzhencevites_grandiculus</i>	120	0	0	0	1	0	0
<i>Ruzhencevites_subcylindricus</i>	121	0	0	0	0	1	0
<i>Ruzhencevites_zaladuensis</i>	122	0	0	0	0	1	0
<i>Ruzhencevites_genus</i>	123	0	0	0	1	1	0
<i>Schellwienia_anarakensis</i>	124	0	0	0	0	1	0
<i>Schellwienia_aplicata</i>	125	0	0	0	0	0	0
<i>Schellwienia_arctica</i>	126	0	0	0	0	0	0
<i>Schellwienia_biformis</i>	127	0	0	0	1	1	0
<i>Schellwienia_delicata</i>	128	0	0	0	0	0	0
<i>Schellwienia_emaciata</i>	129	0	0	0	0	0	0

<i>Schellwienia_genus</i>	130	1	1	1	1	1	1
<i>Schellwienia_glandiformis</i>	131	0	0	0	0	0	0
<i>Schellwienia_grata</i>	132	0	0	0	0	0	0
<i>Schellwienia_immjutabilis</i>	133	0	0	0	0	1	0
<i>Schellwienia_iohchiensis</i>	134	0	1	0	0	0	1
<i>Schellwienia_kharjagaensis</i>	135	0	0	0	0	0	0
<i>Schellwienia_klunnikovi</i>	136	1	1	1	0	0	0
<i>Schellwienia_krushiensis</i>	137	0	0	0	0	0	0
<i>Schellwienia_malkovskiyi</i>	138	1	0	1	0	0	0
<i>Schellwienia_modesta</i>	139	1	0	0	1	1	0
<i>Schellwienia_oblonga</i>	140	0	0	0	0	1	1
<i>Schellwienia_porrecta</i>	141	1	0	0	0	0	0
<i>Schellwienia_salakaensis</i>	142	0	0	1	0	0	0
<i>Schellwienia_salebrosa</i>	143	0	0	0	0	0	0
<i>Schellwienia_singularia</i>	144	0	0	0	0	0	0
<i>Schellwienia_subundulata</i>	145	0	0	0	0	0	0
<i>Schellwienia_ulukensis</i>	146	0	0	0	0	0	0
<i>Schellwienia_visotchajaensis</i>	147	0	0	0	0	0	0
<i>Schubertella_kingi</i>	149	1	1	0	1	1	1
<i>Schwagerina_fortis</i>	150	0	0	0	0	0	0
<i>Schwagerina_acris</i>	151	0	0	0	0	0	0
<i>Schwagerina_berestyankica</i>	152	0	0	0	0	0	0
<i>Schwagerina_bianpingensis</i>	153	1	1	1	0	0	0
<i>Schwagerina_maubissensis</i>	154	1	0	0	0	0	0
<i>Schwagerina_biconica</i>	155	0	0	0	0	0	0
<i>Schwagerina_confines</i>	156	0	0	0	0	0	0
<i>Schwagerina_copiosa</i>	157	0	0	1	0	0	0
<i>Schwagerina_cybea</i>	158	0	0	0	0	0	0
<i>Schwagerina_genus</i>	159	1	1	1	0	0	0
<i>Schwagerina_gracilis</i>	160	1	0	1	0	0	0
<i>Schwagerina_insignis</i>	161	0	0	0	0	0	0
<i>Schwagerina_netchaevi</i>	162	0	0	0	0	0	0
<i>Schwagerina_parakrotowi</i>	163	0	0	1	0	0	0
<i>Schwagerina_pechorica</i>	164	0	0	1	0	0	0
<i>Schwagerina_pomposa</i>	165	1	1	0	0	0	0
<i>Schwagerina_timanica</i>	166	0	1	0	0	0	0
<i>Schwagerina_pseudokrotowi</i>	167	0	0	0	0	0	0
<i>Schwagerina_quasichenxiensis</i>	168	0	0	1	0	0	0
<i>Schwagerina_robusta</i>	169	0	0	0	0	0	0
<i>Schwagerina_robustissima</i>	170	0	0	0	0	0	0
<i>Schwagerina_shentalenensis</i>	171	0	0	0	0	0	0
<i>Schwagerina_subrobusta</i>	172	1	0	1	0	0	0
<i>Schwagerina_timorensis</i>	173	1	0	0	0	0	0
<i>Schwagerina_tumifacta</i>	174	0	0	0	0	0	0

<i>Schwagerina_versabile</i>	175	0	0	0	0	0	0
<i>Schwagerina_vozhgalensis</i>	176	1	0	1	0	0	0
<i>Schwageriniformis_acutulus</i>	177	0	0	0	1	1	0
<i>Schwageriniformis_sarykumer.</i>	179	0	0	0	0	0	1
<i>Shagonella_uralensis</i>	181	0	0	0	0	0	0
<i>Ultradaixina_bosbytauensis</i>	182	0	0	0	0	1	0
<i>Ultradaixina_cheni</i>	183	0	0	1	0	0	0
<i>Ultradaixina_dashtidzhumica</i>	184	0	0	0	0	0	0
<i>Ultradaixina_genus</i>	185	0	0	1	0	1	0
<i>Ultradaixina_postgallowayi</i>	186	0	0	0	0	0	0
<i>Ultradaixina_postsokensis</i>	187	0	0	0	0	1	0
<i>Daixina_tschernovi</i>	188	0	0	0	0	0	0
<i>Rugosofusulina_pseudovalida</i>	189	0	0	0	0	0	0
<i>Schellwienia_adjunctus</i>	190	0	0	0	0	0	0
<i>Schellwienia_lilia</i>	191	0	0	0	0	0	0
<i>Schellwienia_sedujachaensis</i>	192	0	0	0	0	0	0
<i>Schellwienia_vozeica</i>	193	0	0	0	0	0	0
<i>Schwageriniformis_mosquesnis</i>	194	0	0	0	0	0	0

Supplement_2 species

7	8	9	10	11	12	13	14	15
Carnic Alps	Central Asia	Southern Urals	Donets Basin	Moscow_Basin	Central Urals	Timan-Pechora Basin	Spitsbergen and Barents Sea	North Greenland
0	0	0	0	0	0	1	1	1
0	0	1	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0
1	1	1	1	0	0	0	0	0
0	1	1	1	0	0	0	0	0
0	1	1	1	0	0	0	0	0
1	1	1	1	1	1	1	1	1
0	0	1	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0
0	1	1	1	0	0	0	0	0
0	1	1	0	0	0	0	0	0
1	1	0	1	0	0	0	0	0
1	1	1	0	0	0	1	0	1
1	1	0	0	0	0	0	0	0
0	0	1	0	1	1	0	0	0
0	1	1	1	0	0	0	0	0
1	1	1	0	0	0	1	0	1
0	0	1	0	1	0	1	1	0
0	0	1	0	0	0	0	1	0
0	0	1	0	0	0	1	1	1
0	0	1	0	0	1	0	0	0
0	0	0	0	0	1	0	1	0
1	1	0	0	0	0	0	0	0
1	1	1	1	0	0	0	0	0
0	0	0	0	1	1	0	0	0
0	0	0	0	0	1	0	0	0
1	1	1	1	1	0	0	0	0
0	1	1	1	0	0	0	0	0
0	1	0	1	0	0	0	0	0
1	1	0	1	0	0	0	1	0
0	0	1	1	0	0	1	1	1
1	1	1	1	1	1	1	1	1
0	0	1	0	0	0	0	1	1
1	1	1	0	0	0	0	1	0
1	1	1	1	1	0	0	0	0
0	1	1	1	0	0	0	0	0
0	4	1	2	0	0	0	0	0
1	1	1	0	0	0	0	0	0

0	1	1	1	0	0	0	0	0
1	1	1	1	0	0	0	0	0
1	1	1	1	0	0	0	0	0
1	1	1	1	0	0	0	0	0
0	1	1	0	0	0	0	0	0
1	1	1	0	0	0	0	0	0
1	1	1	1	0	0	0	0	0
1	1	1	1	0	0	0	0	0
0	1	1	1	0	0	0	0	0
1	1	1	1	1	0	0	1	0
0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
1	1	1	0	1	0	1	0	1
0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	1	1	0
0	0	0	0	0	0	1	0	0
1	1	1	0	0	0	0	0	0
1	1	1	1	0	1	1	0	1
0	0	0	0	0	0	1	1	0
0	0	0	0	0	0	1	0	0
0	0	0	0	1	1	1	0	0
0	0	0	0	0	0	1	0	0
0	1	1	1	0	1	1	0	0
0	1	1	0	0	0	0	1	0
0	1	1	0	1	0	0	0	0
0	1	1	0	0	0	0	0	0
0	1	1	0	0	0	1	0	0
0	1	1	1	0	0	0	0	0
0	1	1	0	1	0	1	0	0
0	1	1	0	1	1	1	0	0
0	0	1	0	1	1	1	0	0
0	1	1	0	0	1	1	1	0
0	1	1	1	0	1	1	0	0
0	1	1	1	0	0	1	0	0
0	1	1	1	0	1	1	0	0
0	1	1	1	0	1	1	0	0
0	1	1	0	1	0	0	1	0
0	1	1	0	1	0	0	0	0

