

Vincent *et al.* Supplementary Material. Table 1. Sample data table.

Sample number	Mzimta log height (m)	Chanis log height (m)	GPS Position	Geographic region	Stratigraphic age (Paratethyan stage)	Rock type
ABK6/1			~42°52'N, 41°39'E	Abkhazia	Late Messinian (Pontian)	Lithic arenite
WC11/6			43°34.86'N, 40°00.31'E	Russian western Caucasus	Rupelian (Maykopian)	Sublitharenite
WC12/8			43°32.14'N, 39°59.99'E	Russian western Caucasus	Rupelian (Maykopian)	Lithic arenite
WC44/2	744		43°28.55'N, 39°58.90'E	Russian western Caucasus	Rupelian (Maykopian)	Sublitharenite
WC47/1			43°31.27'N, 39°52.56'E	Russian western Caucasus	Rupelian (Maykopian)	Lithic arenite
WC92/4	980		43°35.95'N, 39°45.28'E	Russian western Caucasus	Late Rupelian (Maykopian)	Mudstone
WC92/8	995		43°35.95'N, 39°45.28'E	Russian western Caucasus	Late Rupelian (Maykopian)	Lithic arenite
WC94/1	108		43°30.40'N, 40°01.55'E	Russian western Caucasus	Early Rupelian (Maykopian)	Lithic arenite
WC94/2	110		43°30.40'N, 40°01.55'E	Russian western Caucasus	Early Rupelian (Maykopian)	Mudstone
WC95/3	250		43°30.17'N, 40°01.56'E	Russian western Caucasus	Rupelian (Maykopian)	Mudstone
WC96/5	547		43°29.74'N, 40°01.49'E	Russian western Caucasus	Rupelian (Maykopian)	Lithic arenite
WC97/3	580.5		43°29.18'N, 40°01.83'E	Russian western Caucasus	Rupelian (Maykopian)	Mudstone
WC99/1	657		43°28.52'N, 40°01.88'E	Russian western Caucasus	Mid Rupelian (Maykopian)	Sublitharenite
WC99/2	673		43°28.52'N, 40°01.88'E	Russian western Caucasus	Mid Rupelian (Maykopian)	Mudstone
WC101/1	760		43°27.51'N, 40°01.59'E	Russian western Caucasus	Rupelian (Maykopian)	Sublitharenite
WC102/1	1219		43°27.05'N, 39°56.87'E	Russian western Caucasus	?Chattian (Maykopian)	Lithic arenite
WC102/2	1220		43°27.05'N, 39°56.87'E	Russian western Caucasus	?Chattian (Maykopian)	Mudstone
WC104/1	798		43°27.72'N, 39°57.50'E	Russian western Caucasus	Rupelian (Maykopian)	Mudstone
WC104/2	797		43°27.72'N, 39°57.50'E	Russian western Caucasus	Rupelian (Maykopian)	Sublitharenite
WC106/2			43°25.86'N, 39°58.95'E	Russian western Caucasus	Langhian-Serravalian (Chokrakian-Konkian)	Lithic arenite
WC149/1-2	1530		43°31.12'N, 39°51.06'E	Russian western Caucasus	Aquitanian-Burdigalian (Maykopian)	Mudstone
WC149/3	1531		43°31.12'N, 39°51.06'E	Russian western Caucasus	Aquitanian-Burdigalian (Maykopian)	Subarkose
WG15/5			42°16.35'N, 42°01.28'E	West Georgia	Tortonian-Messinian (Meotian)	Lithic arenite
WG18/1			42°19.56'N, 42°04.30'E	West Georgia	Serravalian (Karaganian)	Interlaminated lithic arenite & lithic wacke
WG22/5			42°40.48'N, 42°05.36'E	West Georgia	Tortonian (Middle Sarmatian)	Lithic arenite
WG25/6		138	42°39.52'N, 42°09.39'E	West Georgia	Rupelian (Maykopian)	Mudstone
WG27/4		1061	42°39.76'N, 42°08.00'E	West Georgia	Aquitanian-Burdigalian (Maykopian)	Lithic arenite
WG28/1		555	42°40.02'N, 42°08.17'E	West Georgia	Late Chattian (Maykopian)	Mudstone
WG28b/3		653	42°39.95'N, 42°08.15'E	West Georgia	Late Chattian (Maykopian)	Lithic arenite
WG28c/1		757	42°39.91'N, 42°08.09'E	West Georgia	Late Chattian (Maykopian)	Lithic arenite
WG28d/1		744.5	42°39.87'N, 42°08.21'E	West Georgia	Late Chattian (Maykopian)	Mudstone
WG28e/1		333.5	42°40.04'N, 42°08.37'E	West Georgia	Chattian (Maykopian)	Mudstone
WG66a/4			42°37.51'N, 42°43.84'E	West Georgia	Langhian (Tarkhanian)	Lithic arenite
WG66c/2			42°37.69'N, 42°43.70'E	West Georgia	Langhian (Chokrakian)	Lithic arenite
WG67/5			42°35.79'N, 42°42.46'E	West Georgia	Burdigalian (Maykopian)	Lithic arenite
WG70c/1			42°37.10'N, 42°43.03'E	West Georgia	Burdigalian (Maykopian)	Lithic arenite
WG111/1			42°06.57'N, 42°51.85'E	West Georgia	Serravalian-Tortonian (Early Sarmatian)	Lithic arenite
WG125/2		1085	42°39.68'N, 42°07.93'E	West Georgia	Burdigalian (Maykopian)	Mudstone
WG126/2		1280	42°39.71'N, 42°07.71'E	West Georgia	Burdigalian (Maykopian)	Mudstone
WG141/3			42°34.86'N, 42°57.94'E	West Georgia	Tortonian (Middle Sarmatian)	Lithic arenite
WG147/1		1430	42°39.57'N, 42°07.61'E	West Georgia	Burdigalian (Maykopian)	Mudstone
WG148/2		1603	42°39.32'N, 42°07.52'E	West Georgia	Langhian (Tarkhanian-Chokrakian)	Lithic arenite