

Geosyntrophus gen. nov.

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Table 1: Complete list of names proposed in the current register list.

Proposed Taxon	Etymology	Description	Parent Taxon	Type	Registry URL
Genus <i>Geosyntrophus</i>	[Ge.o.syn.tro'phus] Gr. fem. n. gē , earth, soil; N.L. masc. n. syntrophus , companion in nourishment; syntroph; N.L. masc. n. Geosyntrophus , a syntrophic organism associated with earth or soil	https://www.nature.com/articles/s41467-026-70468-2	<i>Pseudopelobacteraceae</i>	<i>Geosyntrophus acetoxidans</i> ^{Ts}	seqco.de/i:56153
Species <i>Geosyntrophus acetoxidans</i> ^{Ts}	[a.ce.to.xi.dans] L. neut. n. acetum , vinegar, here referring to acetate; N.L. pres. part. oxidans , oxidizing; N.L. masc. part. adj. acetoxidans , acetate-oxidizing	<i>Geosyntrophus acetoxidans</i> is the dominant bacterium of a conductive-particle dependent syntrophic consortium. More information are supplied in: https://www.nature.com/articles/s41467-026-70468-2	<i>Geosyntrophus</i>	NCBI Assembly: GCA_057407595.1 ^{Ts}	seqco.de/i:56152