Supplementary Material

***Melanella martarum* sp. nov. (Gastropoda: Eulimidae): the first parasitic deep-sea snail reported for the Salas & Gomez Ridge.**

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Fig S1: RaxML inferred phylogenetic reconstruction based on 630-bp alignment of partial COI sequences of Eulimidae (bootstrap = 1,000). Bootstrap values obtained are shown in each node. *Vanikoro helicoidea* (Vanikoridae) was used as outgroup.

Table S1: Species used in RaxML inferred phylogenetic reconstruction based on 630-bp alignment of partial COI sequences of Eulimidae with GenBank accession numbers and the authors of each one. Accession numbers of newly obtained sequences are given in bold.

| Family Species  | COI  |
| --- | --- |
| *Eulimidae*  | *Hemiaclis sp.* TT-2014 | AB930465  |
|  | *Hemiliostraca sp.* TT-2014 | AB930466  |
|  | *Melanella acicula*  | AB930464  |
|  | *Monogamus entopodia*  | AB930458  |
|  | *Niso matsumotoi*  | AB930469  |
|  | *Pyramidelloides angustus*  | AB930470  |
|  | *Stilifer akahitode*  | AB930461  |
|  | *Thyca crystallina*  | AB930460  |
|  | *Vitreolina aurata*  | AB930457  |
|  | *Asterophila perknasteri*  | MN224306  |
|  | *Asterophila perknasteri*  | MN224310  |
|  | *Asterophila sp 4 KKSL-2019*  | MN224348  |
|  | *Asterophila perknasteri 3*  | MN224362  |
|  | *Fusceulimoides kohtsukai*  | LC726231.1  |
|  | ***Melanella martarum* sp. nov.**  | **OP577852**  |
|  | *Annulobalcis wareni* | JF717841.1 |
|  | *Asterophila perknasteri*  | MN224312.1 |
|  | *Asterophila perknasteri*  | MN224315.1 |
|  | *Asterophila perknasteri*  | MN224316.1 |
|  | *Asterophila perknasteri*  | MN224362 |
|  | *Asterophila sp. 2 KKSL-2019* | MN224340.1 |
|  | *Asterophila sp. 3 KKSL-2019* | MN224319. |
|  | *Asterophila sp. 3 KKSL-2019* | MN224324.1 |
|  | *Asterophila sp. 3 KKSL-2019* | MN224325.1 |
|  | *Asterophila sp. 4 KKSL-2019* | *MN224347* |
|  | *Asterophila sp. 6 KKSL-2019* | *MN224311.1* |
|  | *Asterophila sp. 6 KKSL-2019* | *MN224341.1* |
|  | *Asterophila sp. 7 KKSL-2019* | *MN224307.1* |
|  | *Asterophila sp. 7 KKSL-2019* | *MN224336.1* |
|  | *Asterophila sp. 8 KKSL-2019* | *MN224333.1* |
|  | *Balcis eburnea* | *AF120636* |
|  | *Eulima bilineata* | *MG934894* |
|  | *Fusceulimoides kohtsukai* | *LC726231.1* |
|  | *Hemiaclis sp. TT-2014* | *AB930465* |
|  | *Hemiliostraca sp. TT-2014* | *AB930466* |
|  | *Melanella acicula* | *AB930464* |
|  | *Melanella lubrica* | *MG935328.1* |
|  | *Melanella thersites* | *KF644012* |
|  | *Monogamus entopodia* | *AB930458* |
|  | *Niso matsumotoi* | *AB930469* |
|  | *Pyramidelloides angustus* | *AB930470* |
|  | *Stilifer akahitode* | *AB930461* |
|  | *Thyca crystallina* | *AB930460* |
|  | *Thyca crystallina* | *FJ386279.1* |
|  | *Thyca crystallina* | *FJ386280.1* |
|  | *Thyca crystallina* | *FJ386281.1* |
|  | *Vanikoro helicoidea* | *AB930487* |
|  | *Vitreolina antiflexa* | *MT920177* |
|  | *Vitreolina aurata* | *AB930457* |
| *Vanikoridae*  | *Vanikoro helicoidea*  | AB930487  |