#### Supplemental Information

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**Figure S1.** Rabbitfish collection sites. Live fish used in this study were collected in Haifa (August 2015 – July 2016). Historical data of fish from the Gulf of Suez, Egypt, and Cyprus were obtained from the Hebrew University Zoological Museum, Jerusalem. The dates of collection in chronological order are: Abu-Zenima (1967), Cape Pyla (1969), Ra's Misallah (1970), Ras Sedr (1970), Bogaz (1970), El-Tor (1972), Little Bitter Lake (1972), Great Bitter Lake (1975).

**Table S1:** Presence of live foraminifera, invertebrates, and algae in fecal pellets of rabbitfish collected off the coast of Haifa Bay. The geographic origin of the foraminiferal species is given and the observed motility is indicated. The taxa are ordered alphabetically.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Taxa** | **Geographic origin** | | | ***Siganus rivulatus*** | | ***Siganus luridus*** | |
| **Indo-Pacific** | **Atlantic** | | **Present** | **Motile** | **Present** | **Motile** |
| **Foraminifera** | | | | | | | |
| 1. *Adelosina pulchella* |  | • | |  |  | • |  |
| 1. *Ammonia parkinsoniana* |  | • | |  |  | • |  |
| 1. *Amphistegina lobifera* | • |  | | • | • | • | • |
| 1. *Coscinospira hemprichii* | • |  | | • |  |  |  |
| 1. *Cycloforina* cf. *C. contorta* | • | • | | • |  |  |  |
| 1. *Cycloforina quinquecarinata* | • |  | | • |  |  |  |
| 1. *Epistomaroides punctulata* | • |  | | • |  |  |  |
| 1. [*Eponides repandus*](http://www.marinespecies.org/aphia.php?p=taxdetails&id=113356) | • | • | | • | • |  |  |
| 1. *Hauerina diversa* | • |  | | • | • | • | • |
| 1. *Heterostegina depressa* | • |  | | • |  |  |  |
| 1. *Lachlanella* sp. | unknown | | | • | • | • | • |
| 1. *Miliolinella subrotunda* | • | • | | • | • | • | • |
| 1. *Neoconorbina* sp. | unknown | | | • |  | • |  |
| 1. *Pararotalia calcariformata* | • | |  | • | • | • | • |
| 1. *Peneroplis* cf. *P*. *pertusus* | unknown | | | • | • |  |  |
| 1. *Peneroplis pertusus* | • | • | | • | • | • | • |
| 1. *Peneroplis planatus* | • | • | | • | • | • | • |
| 1. *Pseudohauerinella dissidens* | • |  | | • |  | • |  |
| 1. *Pseudotriloculina laevigata* |  | • | | • | • |  |  |
| 1. *Pseudomassilina* sp. | unknown | | | • |  |  |  |
| 1. *Sigmoihaurenia bradyi* | • | • | | • | • |  |  |
| 1. *Spiroloculina* sp. | unknown | | | • |  | • |  |
| 1. *Spirophthalmidium* sp. | unknown | | | • |  |  |  |
| 1. *Sorites orbiculus* [1] | • | • | | • | • | • | • |
| 1. *Textularia agglutinans* [2] | • | • | | • |  | • |  |
| 1. *Triloculina marioni* |  | • | |  |  | • |  |
| 1. *Quinqueloculina berthelotiana* | • | • | | • |  | • |  |
| 1. *Quinqueloculina multimarginata* | • |  | | • |  | • |  |
| 1. *Quinqueloculina ungeriana* | • | • | | • |  | • |  |
| **Other Fauna and Flora** | | | | | | | |
| 1. Amphipoda (Gammaridea) | unknown | | | • | • | • | • |
| 1. Annelida (Polychaeta) | • | • | • | • |
| 1. Anthozoa (Hexacorallia) | • |  |  |  |
| 1. Chlorophyta (green algae) | • |  | • |  |
| 1. Copepoda | • | • | • | • |
| 1. Mollusca | • | • | • | • |
| 1. Ophiurida |  |  | • | • |
| 1. Ostracoda | • | • | • | • |
| 1. Phaeophyta (brown algae) | • |  | • |  |
| 1. Rhodophyta (red algae) | • |  | • |  |

**Table S2:** List of foraminifera species found in gastrointestinal tracts of rabbitfish collected in Gulf of Suez, 1967-1975. Collection sites are detailed in figure S2. Selected specimens are displayed in plates 1 and 2 (figures S2 and S3, correspondingly).

|  |  |  |
| --- | --- | --- |
| **Taxa** | **Geographic origin** | |
| **Indo-Pacific** | **Atlantic** |
| 1. *Adelosina carinatastriata* | • | • |
| 1. *Affinetrina planciana* | • | • |
| 1. *Ammonia convexa* | • |  |
| 1. *Amphistegina lobifera* | • |  |
| 1. *Buccella* sp. | unknown | |
| 1. *Challengerella bradyi* | • |  |
| 1. *Cribroelphidium* sp. | unknown | |
| 1. *Cycloforina quinquecarinata* | • | • |
| 1. *Cymbaloporetta* sp. | • | • |
| 1. *Elphidium advenum* | • | • |
| 1. *Elphidium advenum* subsp*. limbatum* | • | ? |
| 1. *Elphidium fichtellianum* | • | • |
| 1. *Elphidium striatopunctatum* | • | • |
| 1. *Eponides repandus* | • | • |
| 1. *Hauerina diversa* | • |  |
| 1. *Haynesina* sp. | unknown | |
| 1. *Miliolinella* sp. | unknown | |
| 1. *Neorotalia* *calcar* | • |  |
| 1. *Pararotalia* sp. | unknown | |
| 1. *Peneroplis pertusus* | • | • |
| 1. *Pseudomassillina* sp. | unknown | |
| 1. *Pseudoschlumbergerina ovata* | • |  |
| 1. *Pseudotriloculina* sp. | unknown | |
| 1. *Rosalina globularis* | • | • |
| 1. *Sigmoihauerina bradyi* | • | • |
| 1. *Sorites orbiculus* | • | • |
| 1. *Spiroloculina communis* | • | • |
| 1. *Spiroloculina* sp. | unknown | |
| 1. *Textularia agglutinans* | • | • |
| 1. *Tretomphalus bulloides* | • | • |
| 1. *Triloculina trigonula* | • | • |
| 1. *Triloculina terquemiana* | • | • |
| 1. *Quinqueloculina patagonica* | • | ? |
| 1. *Quinqueloculina* spp. | unknown | |

**Table S3:** First recorded sightings and corresponding references of *Siganus luridus* and *Amphistegina lobifera* at locations marked in figure 2.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Location | *Siganus luridus* | | *Amphistegina lobifera* | |
| First record year | Reference | First record year | Reference |
| Haifa, Israel | 1955 | [3] | 1959 | [4] |
| El-Kauf, Libya | 1968 | [5] | 1979 | [6] |
| Gulf of Tunis | 1971 | [7] | 1981 | [6] |
| Crete | 2002 | [9] | 2006 | [10] |
| Malta | 2002 | [11] | 2006 | [12] |
| Sicily | 2004 | [13] | 2014 | [14] |
| Marseille, France | 2008 | [15] |  |  |
| Albania | 2010 | [16] | 2015 | [17] |
| Trieste, Italy | 2010 | [18] |  |  |

#### Supplemental Information References

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