

## The genus *Kelliella* (Bivalvia) in the Atlantic Ocean

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**Table S1.** Detail of material examined of *Kelliella miliaris* (Philippi, 1844), *Kelliella madininae* n. sp., and *Kelliella goesi* Odhner, 1960. spm: live-taken specimens; sh: complete shell with valves in connection; v: loose valves; sta.: sampling station; MNHN: Muséum National d'Histoire Naturelle, Paris; MNVN: Museo Nacional de Ciencias Naturales (CSIC), Madrid.

### *Kelliella miliaris* (Philippi, 1844)

#### Atlantic Ocean

NORWAY • 34 spm; Bergen area, Korsfjorden; 500 m; Warén leg.; MNHN • 8 large spm; 69° 52.098' N, 17° 8.502' E; 300 m; 01 Jul. 1975; N/O "Jean Charcot" NORBI CP11; MNHN • 3 spm; Norway (no more details); coll. Locard, MNHN • 2 v; 60°43'17"N, 02°29'20"E; 144 m; 21 May 1908; Mission Benard sta. 17; MNHN • 7 spm identified as *Isocardia cor* by Jeffreys; Norway (no more details): Coll. Staadt, MNHN.

IRELAND • ca. 500 spm (identified by J. Allen as *K. biscayensis*); off W. Ireland, 51°54.7', 12°27.3'W; 1015 m; 18 Aug. 1972; R/V "Chain" cruise 106, sta. 314; Museum of Comparative Zoology, Harvard, Malacology 357515 • ca. 1200 spm (580 adult or subadult, > 600 juvenile, identified by J. Allen as *K. biscayensis*; SEM 4394-4413, 4418-4432); off W. Ireland, 51°54.7', 12°27.3'W; 1015 m; 18 Aug. 1972; R/V "Chain" cruise 106, sta. 314; Museum of Comparative Zoology, Harvard, Malacology 357532 • 2 v; 48°33'N, 10°07'W; 490-623 m; 09 Jun. 1984; R. von Cosel leg.; R/V Thalassa Procelt 1 K167; MNHN • 2 spm + 4 v; 48°54'N, 11°01'W; 460-490 m; 10 Jun. 1984; R. von Cosel leg.; R/V Thalassa Procelt 1 K169; MNHN • 2 v; 49°06'N, 11°14'W; 320-350 m; 10 Jun. 1984; R. von Cosel leg.; R/V Thalassa Procelt 1 K170; MNHN • 5 v; 49°05'N, 11°15'W; 456-480 m; 10 Jun. 1984; R. von Cosel leg.; R/V Thalassa Procelt 1 K171; MNHN • 1v; 49°36'N, 11°28'W; 596-599 m; 11 Jun. 1984; R. von Cosel leg.; R/V Thalassa Procelt 1 K175; MNHN • 2 spm + 6 v; 50°08'N, 11°16'W; 755-780 m; 12 Jun. 1984; R. von Cosel leg.; R/V Thalassa Procelt 1 K180; MNHN • 1 v; 51°16'N, 11°33'W; 547-582 m; 13 Jun. 1984; R. von Cosel leg.; R/V Thalassa Procelt 1 K183; MNHN • 1 spm + 3 v; 51°16'N, 11°37'W; 618-730 m; 13 Jun. 1984; R. von Cosel leg.; R/V Thalassa Procelt 1 K184; MNHN • 1 spm + 1 v; 51°24'N, 11.3W; 211-212 m; 13 Jun. 1984; R. von Cosel leg.; R/V Thalassa Procelt 1 K185; MNHN • 3 spm + 2 v; 51°28'N, 11°16'W; 207-210 m; 13 Jun. 1984; R. von Cosel leg.; R/V Thalassa Procelt 1 K186; MNHN • 3 v; 51°44'N, 11°48'W; 605-609 m; 18 Jun. 1984; R. von Cosel leg.; R/V Thalassa Procelt 1 K194; MNHN • 1 v; 51°13'N, 11°25'W; 310-316 m; 19 Jun. 1984; R. von Cosel leg.; R/V Thalassa Procelt 1 K198; MNHN • 2 v; 50°27'N, 11°05'W; 646-653 m; 20 Jun. 1984; R. von Cosel leg.; R/V Thalassa Procelt 1 K207; MNHN • 1 spm + 4 v; 49.916N, 11°15'W; 570-585 m; 21 Jun. 1984; R. von Cosel leg.; R/V Thalassa Procelt 1 K209; MNHN • 2 spm + 68 v; 49°47'N, 11°30'W; 696-705 m; 21 Jun. 1984; R. von Cosel leg.; R/V Thalassa Procelt 1 K212; MNHN • 3 v; 49°17'N, 10°19'W; 268-269 m; 22 Jun. 1984; R. von Cosel leg.; R/V Thalassa Procelt 1 K215; MNHN • 1 spm + 6 v; 49°10'N, 11°17'W; 319-337 m; 22 Jun. 1984; R. von Cosel leg.; R/V Thalassa Procelt 1 K216; MNHN • 1 v; 49°03'N, 11°12'W; 250-285 m; 23 Jun. 1984; R. von Cosel leg.; R/V Thalassa Procelt 1 K219; MNHN • 4 spm + 5 v; 48.916N, 11°03'W; 521-543 m; 23 Jun. 1984; R. von Cosel leg.; R/V Thalassa Procelt 1 K221; MNHN • 2 v; 48°21'N, 10°12'W; 256-341 m; 24 Jun. 1984; R. von Cosel leg.; R/V Thalassa Procelt 1 K224; MNHN • 1 spm + 5 v; 48°39'N, 10°10'W; 312-418 m; 24 Jun. 1984; R. von Cosel leg.; R/V Thalassa Procelt 1 K225; MNHN • 10 v; 48°37'N, 10°06'W; 475-598 m; 24 Jun. 1984; R. von Cosel leg.; R/V Thalassa Procelt 1 K226.

UNITED KINGDOM • 13 sh + 5 v; 48°20'N, 09°38'W; 507 m; 24 Oct. 1973; Cabioch leg.; R/V Thalassa Z420; MNHN • 1 spm + 2 v; 48°28'N, 09°44'W; 475 m; 25 Oct. 1973; Cabioch leg.; R/V Thalassa Z424; MNHN.

FRANCE • 1 v; 48°03'N, 08°31'W; 473-559 m; 25 Jun. 1984; R. von Cosel leg.; R/V Thalassa Procelt 1 K229; MNHN • 1 spm + 1 v; 47°46'N, 07°59'W; 616-645 m; 26 Jun. 1984; R. von Cosel leg.; R/V Thalassa Procelt 1 K232; MNHN • 1 v; 47°42'N, 08°02'W; 919-1085 m; 26 Jun. 1984; R. von Cosel leg.; R/V Thalassa Procelt 1 K233.; MNHN • 3 v; 47°34'N, 07°13'W; 511 m; 22 Oct. 1973; Cabioch leg.; R/V Thalassa Z397; MNHN • 1 spm + 2 v; 47°35'N, 07.3W; 825 m; 22 Oct. 1973; Cabioch leg.; R/V Thalassa Z399; MNHN • 2 spm; 47°33'N, 07°19'W; 1175 m; 22 Oct. 1973; Cabioch leg.; R/V Thalassa Z400; MNHN • 2 spm; 48°03'N, 08°29'W; 805 m; 24 Oct. 1973; Cabioch leg.; R/V Thalassa Z413; MNHN • 1 spm; 48°05'N, 08°30'W; 650 m; 24 Oct. 1973; Cabioch leg.; R/V Thalassa Z414; MNHN • 2 spm + 4 v; 48°13'N, 09°07'W; 480 m; 24 Oct. 1973; Cabioch leg.; R/V Thalassa Z416; MNHN • 8 spm; 48°12'N, 09°09'W; 865 m; 24 Oct. 1973; Cabioch leg.; R/V Thalassa Z417; MNHN • 4 spm; 48°27'N, 09°48'W; 330 m; 25 Oct. 1973; Cabioch leg.; R/V Thalassa Z427; MNHN • 7 spm; 48°38'N, 09°47'W; 800 m; 25 Oct. 1973; Cabioch leg.; R/V Thalassa Z431; MNHN • 80 spm + 5 v (best lot); 48°41'N, 09°54'W; 720 m; 26 Oct. 1973; Cabioch leg.; R/V Thalassa Z434; MNHN • 5 spm; 48°40'N, 09°53'W; 1050 m; 26 Oct. 1973; Cabioch leg.; R/V Thalassa Z435; MNHN • 1 spm; 48°40'N, 09°56'W; 1210 m; 26 Oct. 1973; Cabioch leg.; R/V Thalassa Z436; MNHN • 1 spm; 48°34'N, 10°25'W; 1400 m; 26 Oct. 1973; Cabioch leg.; R/V Thalassa Z438; MNHN • 3 spm + 20 v; 48°42'N, 10°23'W; 500 m; 26 Oct. 1973; Cabioch leg.; R/V Thalassa Z439; MNHN • 24 spm; 48°41'N, 10°21'W; 860 m; 26 Oct. 1973; Cabioch leg.; R/V Thalassa Z440; MNHN • 2 spm; 48°35'N, 10°33'W; 1180 m; 26 Oct. 1973; Cabioch leg.; R/V Thalassa Z441; MNHN • 8 spm; 48.916N, 10°33'W; 975 m; 26 Oct. 1973; Cabioch leg.; R/V Thalassa Z442; MNHN • 88 spm + 6 v; 48°56'N, 11°02'W; 660 m; 27 Oct. 1973; Cabioch leg.; R/V Thalassa Z443; MNHN • 4 spm; 48°58'N, 10°58'W; 380 m; 27 Oct. 1973; Cabioch leg.; R/V Thalassa Z444; MNHN • 4 spm; 48°52'N, 11°07'W; 1200 m; 27 Oct. 1973; Cabioch leg.; R/V Thalassa Z445; MNHN • 1 v; 48°45'N, 11°20'W; 1830-1870 m; 27 Oct. 1973; Cabioch leg.; R/V Thalassa Z448; MNHN • 12 spm + 9 sh + 3 v; 48°41'N, 10°34'W; 730 m; 27 Oct. 1973; Cabioch leg.; R/V Thalassa Z449; MNHN • 2 v; 48°38'N, 09°53'W; 800 m; 29 Oct. 1973; Cabioch leg.; R/V Thalassa Z457; MNHN • 1 spm; 48°42'N, 09°53'W; 350 m; 29 Oct. 1973; Cabioch leg.; R/V Thalassa Z458; MNHN • 2 v; 48°37'N, 09°53'W; 1180 m; 29 Oct. 1973; Cabioch leg.; R/V Thalassa Z459.; MNHN • 1 spm; 44°00'N, 02°12'W; 540-580 m; 18 Dec. 1967; Lagardère leg.; GCH10; MNHN • 60 spm; 44°02'N, 02°12'W; 610 m; 1 Mar. 1968; Lagardère leg.; GCH13.; MNHN • 12 spm; 44°34'N, 02°14'W; 800-840 m; 22 Jul. 1968; Lagardère leg.; GCH32; MNHN • 15 spm; 44°32'N, 02°15'W; 950-1040 m; 22 Jul. 1968; Lagardère leg.; GCH33; MNHN • 5 spm; 44°00'N, 02°10'W; 280-300 m; 4 Mar. 1971; Lagardère leg.; GCH45; MNHN • 2 spm; 44°35'N, 02°04'W; 205-240 m; 25 May 1971; Lagardère leg.; GCH49; MNHN • 7 spm; 44°32'N, 02°00'W; 142-144 m; 25 May 1971; Lagardère leg.; GCH50; MNHN • 45 spm; 44°31'N, 02°10'W; 360-410 m; 25 May 1971; Lagardère leg.; GCH51; MNHN • 32 spm; 44°31'N, 02°10'W; 386-410 m; 27 May 1971; Lagardère leg.; GCH56; MNHN • 100+ spm; 44°33'N, 02°13'W; 690-750 m; 4 Aug. 1971; Lagardère leg.; GCH60; MNHN • 7 spm; 44°31'N, 02°09'W; 360-400 m; 5 Aug. 1971; Lagardère leg.; GCH62; MNHN • 14 spm + 2 v + 10 spm; Lagardère leg.; GCH67; MNHN • 1 spm; 44°31'N, 02°10'W; 570-620 m; 6 May 1972; Lagardère leg.; GCH75; MNHN • 30 spm; 44°30'N, 02°16'W; 1180-1240 m; 7 May 1972; Lagardère leg.; GCH78; MNHN • 60+ spm all damaged; 44°36'N, 02°08'W; 290-330 m; 8 May 1972; Lagardère leg.; GCH85; MNHN • 3 spm; Capbreton canyon; 43°51.65'N, 02°03.99'W; 348 m; 05 Sep. 1989; Sorbe & Gofas leg.; R/V Côte d'Aquitaine "Capbreton 89" DE05; MNHN • 66 spm (drawing CB162); Capbreton canyon; 43°57.42'N, 02°05.16'W; 164 m; 05 Jul. 1988; Sorbe & Gofas leg.; R/V Côte d'Aquitaine "Capbreton 88" DE05; MNHN • ca. 1000 spm (SEM 3708-3715); Capbreton canyon; 43°35.9'N, 1°47.8'W; 761 m; 25 Jun. 2001; J.C. Sorbe leg.; "SEDICAN" station E, suprabenthic sled TS26; MNHN

SPAIN (NORTHERN ATLANTIC DEMARICATION) • 22 spm + 2 v; 43°56'N, 02°46'W; 1300 m; 18 Dec. 1967; Lagardère leg.; GCH8; MNHN • 500+ spm; 44°00'N, 02°28'W; 1020-1040 m; 18 Dec. 1967; Lagardère leg.; GCH9; MNHN • 14 spm; 43°58'N, 02°30'W; 1000-1020 m; 30 Apr. 1972;

Lagardère leg.; GCH68; MNHN • 9 spm; 43°57'N, 02°31'W; 995-1015 m; 30 Apr. 1972;  
Lagardère leg.; GCH69; MNHN • 18 spm + 1 sh; 44°33'N, 02°16'W; 1000-1040 m; 6 May 1972;  
Lagardère leg.; GCH76 • 3 spm; 44°58'N, 04°56'W; 950-1000 m; 13 Oct. 1971; Cabioch leg.;  
R/V Thalassa X315; MNHN • 70 spm; 44°05'N, 05°01'W; 463 m; 12 Oct. 1971; Cabioch leg.; R/V  
Thalassa X305; MNHN • 3 spm; 44°08'N, 05°00'W; 780-1080 m; 12 Oct. 1971; Cabioch leg.; R/V  
Thalassa X308; MNHN • 20 v; 44°00'N, 04°45'W; 980-1080 m; 14 Oct. 1971; Cabioch leg.; R/V  
Thalassa X322

Spain Bay of Biscay - leg. Lagardère (21 out of 193 hauls)

PORTUGAL • 2 spm; 41°32'N, 09°14'W; 320 m; 28 Aug. 1972; Cabioch leg.; R/V Thalassa Y377;  
MNHN • 1 sh (large); 41°21'N, 09°11'W; 820 m; 29 Aug. 1972; Cabioch leg.; R/V Thalassa Y393;  
MNHN • 19 spm; 41°19'N, 09°14'W; 410 m; 30 Aug. 1972; Cabioch leg.; R/V Thalassa Y394;  
MNHN • 2 spm; 40°46'N, 09°19'W; 800 m; 30 Aug. 1972; Cabioch leg.; R/V Thalassa Y400;  
MNHN • 9 spm; 36.916N, 09°16'W; 893 m; 28 May 1984; R/V Cryos "Balgim" DW02; MNHN • 2  
v; 36°46'N, 09°27'W; 1113 m; 29 May 1984; R/V Cryos "Balgim" DR06; MNHN • 20 spm;  
36°46'N, 09°27'W; 1141 m; 29 May 1984; R/V Cryos "Balgim" DW07; MNHN • 1 spm; 36°44'N,  
09°31'W; 1523 m; 29 May 1984; R/V Cryos "Balgim" DW11; MNHN • 3 spm; 36°46'N, 09°29'W;  
1283 m; 30 May 1984; R/V Cryos "Balgim" DW16; MNHN • 113 spm + 2 v; 36°36'N, 07°24'W;  
452 m; 31 May 1984; R/V Cryos "Balgim" DW20; MNHN

SPAIN (SOUTHERN ATLANTIC DEMARCATION) • 65 spm; 36°46'N, 07°07'W; 370 m; 31 May 1984; R/V  
Cryos "Balgim" DW27; MNHN • 66 spm; 36°46'N, 07°08'W; 398 m; 31 May 1984; R/V Cryos  
"Balgim" DW28; MNHN • 128 spm; 36°47'N, 07°04'W; 250 m; 01 Jun. 1984; R/V Cryos "Balgim"  
DW32; MNHN • 3 spm; 36°47'N, 07°04'W; 256 m; 01 Jun. 1984; R/V Cryos "Balgim" CP33;  
MNHN • 2 spm; 1 sh, 10 v (SEM 4120-4121); Tarsis mud volcano; 36° 29.522' N - 7°15.128' W;  
641 m; 21 Feb. 2011; R/V "Cornide de Saavedra", Indemares CHICA 0211 BC09; MNCN • 2 sh,  
12 v (SEM 4113-4119); Zona "Canal Gusano"; 36.46479°N, 7.06897°W; 558 m; 17 Apr. 2012;  
R/V "Ramón Margalef" Indemares CHICA 0412 BC11; MNCN

MOROCCO • 7 spm; 35°41'N, 06°30'W; 364 m; 03 Jun. 1984; R/V Cryos "Balgim" DW53; MNHN •  
2 spm; 35°31'N, 07°26'W; 1222 m; 04 Jun. 1984; R/V Cryos "Balgim" DW61; MNHN • 4 spm + 3  
v; 33°52'N, 08°07'W; 155 m; 06 Jun. 1984; R/V Cryos "Balgim" DR71; MNHN • 1 spm + 10 v;  
35°52'N, 08°12'W; 173 m; 06 Jun. 1984; R/V Cryos "Balgim" DR72; MNHN • 1 spm; 33°52'N,  
08°13'W; 181 m; 06 Jun. 1984; R/V Cryos "Balgim" DW74; MNHN • 2 v; 33°46'N, 08°30'W; 309  
m; 06 Jun. 1984; R/V Cryos "Balgim" DR81; MNHN • 5 spm; 34°20'N, 07°19'W; 740 m; 07 Jun.  
1984; R/V Cryos "Balgim" DW88; MNHN • 35 v; off Rabat; 34°12'N - 07°07'W; 150 m; 22 Jul.  
1923; R. Ph. Dollfus leg.; R/V "Vanneau" sta. 21; MNHN • 17 v; off Rabat; 34°01'N - 07°31'W;  
145 m; 31 May 1924; R. Ph. Dollfus leg.; R/V "Vanneau" sta. 32

### **Mediterranean Sea**

SPAIN • 3 spm; East of Ceuta; 35°48'N, 05°12'W; 352 m; 13 Jun. 1984; R/V Cryos "Balgim"  
DR118; MNHN • 85 spm + 5 v; East of Ceuta; 35°51'N, 05°10'W; 425 m; 13 Jun. 1984; R/V Cryos  
"Balgim" DW120; MNHN • 2 spm; East of Ceuta; 35°56'N, 05°02'W; 570 m; 13 Jun. 1984; R/V  
Cryos "Balgim" DW121; MNHN • 9 spm; Alboran island territorial waters; 35°57'N, 03°07'W;  
252 m; 16 Jun. 1984; R/V Cryos "Balgim" DW143; MNHN • 12 spm; East of Ceuta; 35°56'N,  
03°09'W; 555 m; 16 Jun. 1984; R/V Cryos "Balgim" DW146; MNHN • 3 spm; East of Ceuta;  
35°50'N, 04°58'W; 489 m, 17 Jun. 1984; R/V Cryos "Balgim" DW147; MNHN • 2 spm juvenile;  
35°59.33'N, 03°00.04'W; 121-169 m; 24 Sep.2011; Indemares Alboran BV17; MNCN • 2 spm  
(SEM 4112, 4138-4142); Bay of Málaga; 36°36.66'N, 04°21.82'W; 97-117 m; 17 May 2017; S.  
Gofas leg.; R/V Isla de Alboran BV57; MNCN • 2 spm (SEM 4136-4137); Bay of Málaga;  
36°36.81'N, 04°22.31'W; 104-105 m; 11 May 2018; muddy gravel; S. Gofas leg.; R/V Isla de  
Alboran BV61; MNCN • ca. 1500 spm; 100 v (max. size 1.9 mm, common size 1.5 mm); Bay of

Málaga; 36°36.83'N, 04°21.70'W; 94-124 m; 09 May 2023; muddy bottom; S. Gofas leg.; R/V Isla de Alboran BV68; MNCN • 5 spm (SEM 4143-4147), ca. 100 v; Motril canyon; 36°40.48'N, 3°31.90'W; 244-284 m; 09 Sep. 2019; R/V Sarmiento de Gamboa ALSSOMAR 2019 DR02; MNCN • 2 spm; 25 v; Carchuna canyon; 36°40.23'N, 3°28.22'W; 240-293 m; 12 Sep. 2019; R/V Sarmiento de Gamboa ALSSOMAR 2019 DR05; MNCN • 110 spm (max. 1.9 mm, SEM 3582-3586) + 35 v; Djibouti Banks; 36°21.1' N, 03°58.6'W; 349 m; 04 Apr. 2009; R/V Cornide de Saavedra DP0409 BT04; MNCN.

FRANCE • 1 spm; off Marseille; coll. Locard, MNHN • 4 sh, 3 v (SEM 1155-1160, 4107-4111); NW canyon de la Cassidaigne; 43°08.4'N, 5°27.1'E; 270-320 m; Feb. 1996; boues rouges, H. Zibrowius leg.; R/V "Georges Petit"; MNHN.

MOROCCO • 1 spm; Alboran Ridge; 35°36'N, 03°51'W; 998 m; 14 Jun. 1984; R/V Cryos "Balgim" DW126; MNHN • 41 spm + 1 v; Alboran Ridge; 35°35'N, 03°45'W; 480 m; 14 Jun. 1984; R/V Cryos "Balgim" DW128; MNHN • 1 spm; Xauen Bank; 35°26'N, 04°17'W; 205 m; 15 Jun. 1984; R/V Cryos "Balgim" DW134.

SICILY; MNHN • 2 spm + 1 v; Palermo; coll. Locard, MNHN.

GREECE • 4 v; Crete, off Megalonisi; 145 m; 06 Apr. 1964; J. Picard leg.; R/V Calypso 1964 sta. 10; MNHN.

#### **Fossil from last glacial**

SPAIN • 5 sh + 45 v (max. 3.1 mm, fossil); Djibouti Banks; 36°21.1' N, 03°58.6'W; 349 m; 04 Apr. 2009; R/V "Cornide de Saavedra" DP0409 BT04; MNCN

MOROCCO • 4 v (fossil material, SEM 4122-4134); off Oued Laou; 35°37.45' N, 04° 55.8' W; 440 m; Oct. 1986; R/V "Catherine Laurence", ALBOSED II-86 K10; Kullenberg corer.

#### ***Kelliella madininae* n. sp.**

MARTINIQUE • 7 v; 14°26.1'N, 60°54.5'W; 60 m; 10 Sep. 2016; Madibenthos AD218; MNHN • 1 spm; 14°38.5'N, 60°46.3'W; 63 m; 15 Sep. 2016; Madibenthos AD234; MNHN • 1 spm; 14°53.7'N, 61°00.3'W; 62 m; 20 Sep. 2016; Madibenthos AD254; MNHN • 2 spm + 2 v; 14°51.3'N, 61°01.7'W; 49 m; 21 Sep. 2016; Madibenthos AD256; MNHN • 8 spm + 1 v; 14°55.1'N, 61°02.4'W; 63 m; 21 Sep. 2016; Madibenthos AD257; MNHN • 8 spm + 6 v; 14°55.1'N, 61°08.9'W; 78 m; 22 Sep. 2016; Madibenthos AD260; MNHN • 16 spm + 4 v; 14°55.1'N, 61°09'W; 80 m; 24 Sep. 2016; Madibenthos AD261; MNHN • 10 spm + 5 v; 14.916N, 61°08.9'W; 78-80 m; 24 Sep. 2016; Madibenthos AD263; MNHN • 2 spm + 8 v; 14°54.9'N, 61°08.9'W; 77 m; 25 Sep. 2016; Madibenthos AD267; MNHN • 17 spm + 30 v + 9 spm + 1 sh + 9 sh (type material, SEM 4320-4336, 4358); 14°55'N, 61°08.9'W; 80 m; 27 Sep. 2016; Madibenthos AD275; MNHN • 1 v; 14°36.9'N, 61°06.7'W; 80 m; 30 Sep. 2016; Madibenthos AD279; MNHN • 7 spm + 20 v; 14°37.6'N, 61°08.3'W; 60 m; 30 Sep. 2016; Madibenthos AD280; MNHN • 3 spm + 3 v; 14°39.9'N, 61°09.9'W; 60 m; 02 Oct. 2016; Madibenthos AD287; MNHN • 12 spm + 30 v; 14°37.5'N, 61°08.3'W; 74 m; 02 Oct. 2016; Madibenthos AD290; MNHN • 4 spm + 12 v; 14°40.4'N, 61°10.6'W; 70 m; 04 Oct. 2016; Madibenthos AD298; MNHN • 7 spm + 7 v; 14°44.5'N, 61°10.8'W; 44-47 m; 08 Oct. 2016; Madibenthos AS572; MNHN • 3 spm; 14°30.1'N, 61°06.3'W; 71 m; 08 Oct. 2016; Madibenthos AD617.

GUADELOUPE • 1 sh + 9 v; 16°22,41'N, 61°35,57'W; 80 m; 03/05/2012; Karubenthos GN01; MNHN • 1 v; 16°23'N, 61°36'W; 108 m; 03 May 2012; Karubenthos GN02; MNHN • 1 v;

16°23'N, 61°34'W; 140 m; 05 May 2012; Karubenthos GN09; MNHN • 1 v; 16°23'N, 61°37'W; 146 m; 06/05/2012; Karubenthos GN12; MNHN • 1 v; 16°23,74'N, 61°32,07'W; 49 m; 15/05/2012; Karubenthos GB14; MNHN • 1 v; 16°25'N, 61°33'W; 150 m; 15/05/2012; Karubenthos GN21; MNHN • 1 spm + 1 sh; 16°22,77'N, 61°34,19'W; 66 m; 17 May 2012; Karubenthos GD35; MNHN • 4 v same as 09; 16°25'N, 61°33'W; 150 m; 14 May 2012; Karubenthos GD24; MNHN • 3 spm + 2 v; 16°23,88'N, 61°32,47'W; 80 m; 16 May 2012; Karubenthos GD32; MNHN • 1 v, GD37; 16°22,8'N, 61°33,44'W; 60 m; 18/05/2012; Karubenthos GD37; MNHN • 1 sh; 16°09,03'N, 61°10,06'W; 60 m; 26/05/2012; Karubenthos GD64; MNHN • 1 spm; 16°15,97'N, 61°10,18'W; 60 m; 28/05/2012; Karubenthos GD69; MNHN • 11 spm + 11 v; N Grande-Terre; 16°29.7'N, 61°31.4'W; 60-82 m; 14 Jun. 2015; Karubenthos 2 DW4545.

### ***Kelliella goesi* Odhner, 1960**

GUADELOUPE • 1 sh + 6 v (SEM 4337-4350); 16°25'N, 61°34'W; 258 m; 15 May 2012; Karubenthos GN20; MNHN • 2 v same as 20, GD06; 16°23'N, 61°33'W; 130 m; 06 May 2012; Karubenthos GD06; MNHN • 1 s + 1v same as 20; 16°25'N, 61°33'W; 150 m; 14 May 2012; Karubenthos GD24; MNHN • 1 sh + 4 v same as 20; 16°24'N, 61°33'W; 135 m; 17 May 2012; Karubenthos GN25; MNHN • 2 v; W Marie-Galante; 15°50'N, 61°26'W; 265-268 m; 27 Jun. 2015; Karubenthos 2 DW4635; MNHN • 10 v; N Grande-Terre; 16°31'N, 61°32'W; 306-268 m; 14 Jun. 2015; Karubenthos 2 DW4546; MNHN • 4 v; E La Désirade; 16°17'N, 61°01'W; 362-208 m; 17 Jun. 2015; Karubenthos 2 DW4568; MNHN • 1 spm! + 1 v; E La Désirade; 16°17'N, 61°01'W ; 359-250 m; 17 Jun. 2015; Karubenthos 2 CP4569; MNHN • 2 spm; W Marie-Galante; 15°56'N, 61°23'W; 210-208 m; 22 Jun. 2015; Karubenthos 2 DW4597.

GUYANE • 4 v, 6°10,5'N; 52°02,6'W; 96-98 m; 03 Dec. 2017; Proteus Guyane sta. DW5096 • 8 v; 6°10,7'N; 52°03,0'W; 96-101 m; 03 Dec. 2017; Proteus Guyane sta. DW5097 • **3 v; 6°15,4'N; 52°13,6'W; 82-82 m; 04 Dec. 2017**; Proteus Guyane sta. **DW5098** • 1 v; 6°15,4'N; 52°13,5'W; 82-81 m; 04 Dec. 2017; Proteus Guyane sta. DW5099 • 1 v; 6°20,8'N; 52°12,7'W; 128-129 m; 04 Dec. 2017; Proteus Guyane sta. DW5104.

Supplementary Figure 1

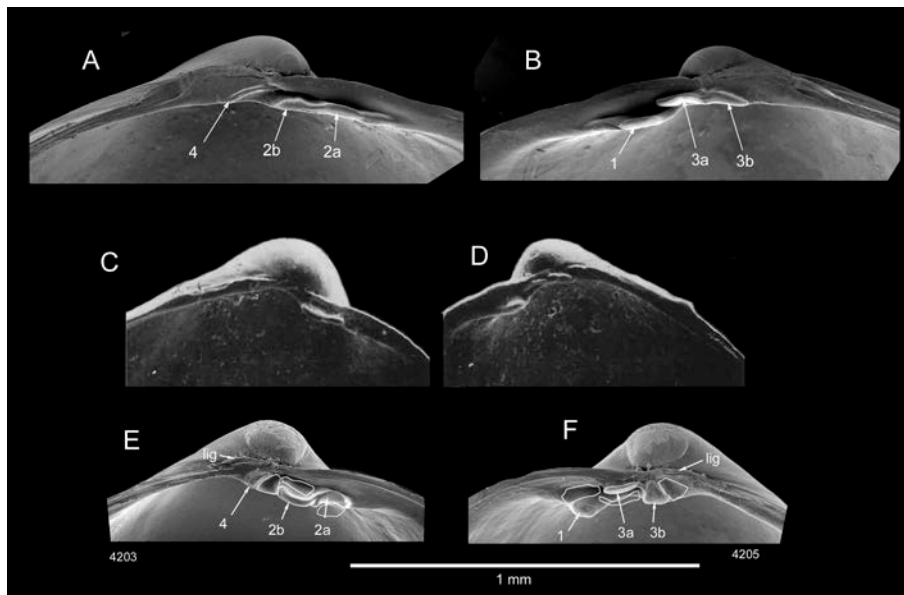


Figure S1. Hinge of a juvenile *Coralliophaga lithophagella* (A, B) from off Alboran Island, Spain (INDEMARES ALBORAN DR07, 92 m) compared to scale with the original figures of the hinge of *Kelliella barbara* Studencka, 1987 (C-D) and to the hinge of *Kelliella miliaris* from off Bergen, Norway (E-F, same as Fig. 1 D-E herein).