

## With a little help from DNA barcoding: investigating the diversity of Gastropoda from the Portuguese coast

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| Species name<br>(no. of specimens) | GenBank accession no.                     | BOLD ID no.   | source  |
|------------------------------------|---|---|---|
| <i>Acmae mitra</i> (1)             | AB238459                                  |   | Nakano & Ozawa, 2007  |
| <i>Armina maculata</i> (3)         | KF369111                                  | <b>LMBRR022; LMBRR023</b>   | This study; Lobo <i>et al.</i> , 2013                                     |
| <i>Berthella plumula</i> (3)       | KF369114;KF369115                         | <b>LMBSCt6-002</b>  | This study; Lobo <i>et al.</i> , 2013                                     |
| <i>Berghia columbina</i> (1)       | JX087544                                  |   | Carmona <i>et al.</i> , 2012  |
| <i>Berghia verrucicornis</i> (6)   | HQ616750; JX087553;<br>JX087554           | <b>LMBAG34-001; LMBAG34-002; LMBAG34-003</b>                                | This study; Carmona <i>et al.</i> , 2011;<br>Carmona <i>et al.</i> , 2012 |
| <i>Calliostoma</i> sp. (1)         |   | LMBAG35-001   | This study  |
| <i>Calliostoma virescens</i> (2)   |   | LMBAG35-002; LMBAG35-003  | This study  |
| <i>Calliostoma zizyphinum</i> (6)  | KR084610; KR054821;<br>KR084401           | <b>TR1-15; TR2-14; TR2-16</b>   | This study; Barco <i>et al.</i> , 2015                                    |
| <i>Cingula trifasciata</i> (2)     |   | LMBAG12-002; LMBAG12-003  | This study  |
| <i>Crepidula fornicata</i> (3)     | AF353131; HM884254                        | <b>AVP104</b>   | This study; Colin, 2001   |
| <i>Euspira nitida</i> (2)          | EU332641                                  | <b>TR1-26</b>   | This study; Huelsken <i>et al.</i> , 2008                                 |
| <i>Gibbula cineraria</i> (6)       | AM049339; KJ183016                        | <b>LMBAG22-001; LMBAG22-002; LMBAG22-004; LMBAG22-005</b>                   | This study; Williams & Ozawa, 2006;<br>Cowart <i>et al.</i> , 2014        |
| <i>Gibbula delgadensis</i> (3)     |   | LMBAG9-001; LMBAG9-002; LMBAG9-003  | This study  |
| <i>Gibbula</i> sp. (4)             |   | LMBV4-001; LMBV4-002; LMBV4-004; LMBV4-005                                  | This study  |
| <i>Gibbula pennanti</i> (1)        | GQ232365                                  |   | Williams <i>et al.</i> , 2010   |
| <i>Gibbula umbilicalis</i> (10)    | JN686278; JN6863765;<br>JN686273,GQ232367 | <b>LMBAG36-001; LMBAG36-002; LMBAP3-001; LMBAP3-002;<br/>AVP029; AVP069</b> | This study; Donald <i>et al.</i> , 2012; Williams<br><i>et al.</i> , 2010 |

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| Gibbula umbilicaris (1)                    | JQ839383   |   | Barco et al., 2013a  |
| Gibbula varia (4)                          | JQ839392; JQ839395;<br>JX887429; JX887427                        |   | Barco et al., 2013a  |
| <i>Hexaplex trunculus</i> (5)              | AM712610; AM712613;<br>KF297431; EU391577                        | <b>LMBAG28-001</b>  | This study; Claremont et al., 2008;<br>Gonzalez-Tizon et al., 2011; Vilamor et al., 2014                   |
| <i>Jujubinus exasperatus</i> (1)           | GQ232368   |   | Williams et al., 2010  |
| <i>Jujubinus pseudogravinae</i> (1)        |  | LMBAG14-001   | This study   |
| <i>Littorina arcana</i> (1)                | HE590832   |   | Reid, Dyal & Williams, 2012  |
| <i>Littorina compressa</i> (1)             | HE590834   |   | Reid, Dyal & Williams, 2012  |
| <i>Littorina fabalis</i> (1)               | HE590835   |   | Reid, Dyal & Williams, 2012  |
| <i>Littorina littorea</i> (3)              | EU876085   | <b>LMBAG7-002; LMBAG7-003</b>                                   | This study; Blakeslee et al., 2008   |
| <i>Littorina obtusata</i> (4)              | KF643904; AJ622947   | <b>LMBV18-003; LMBV18-005</b>                                   | This study; Layton et al., 2014; Williams & Reid, 2004   |
| <i>Littorina saxatilis</i> (5)             | KF643665; JN241971   | <b>LMBV17-002; LMBV17-003; LMBV18-004</b>                       | This study; Layton et al., 2014; Prado-Sanchez et al., 2011  |
| <i>Lottia fascicularis</i> (1)             | AF130120   |   | Simison & Lindberg, unpublished  |
| <i>Lottia gigantea</i> (1)                 | AB238466   |   | Nakano & Ozawa, 2007   |
| <i>Lottia strigatella</i> (1)              | AF295539   |   | Simison & Lindberg, unpublished  |
| <i>Mitra cornea</i> (2)                    |  | LMBSM2-002; LMBSM2-002  | This study   |
| <i>Nassarius incrassatus</i> (7)           | NEOGA1001; NEOGA1002;<br>NEOGA1003 (BOLD system)                 | <b>LMBSM3-002; LMBSM3-003; LMBSM3-004; LMBV2-009</b>            | This study; Puillandre & Gofas, unpublished  |
| <i>Nassarius reticulatus</i> (7)           | KJ183015; KF369156;<br>KF369157 ;EU827201                        | <b>LMBV2-004; LMBV10-001; LMBAG20-001</b>                       | This study; Cowart et al, 2014; Lobo et al., 2013; Cunha et al., 2008                                      |
| <i>Niveotectura pallida</i> (1)            | AB238494   |   | Nakano & Ozawa, 2007   |
| <i>Nucella lapillus</i> (9)                | DQ501718; FN651945;<br>EU391582; KF644222                        | <b>LMBAG19-001; LMBV7-001; LMBV7-002; LMBV7-003; LMBAP4-001</b> | This study; Guerra-Varela et al., 2007;<br>Barco et al., 2009; Claremont et al., 2008; Layton et al., 2014 |
| <i>Ocenebra erinaceus</i> (6)              | KF369161; KF369162;<br>KF369163                                  | <b>LMBV1-001 LMBV1-003 LMBV1-004</b>                            | This study; Lobo et al., 2013  |
| <i>Ocenebrina aciculata</i> (6)            | KF199911; KF199917;<br>KF199916; FR851900;<br>FR851905; FR851906 |   | Barco et al., 2013   |

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| <i>Ocinebrina edwardsii</i> (6)            | KF153478; KF153443;<br>KF153303; KF153263<br>KC883664; KF153274;    | <b>LMBAG23-001; LMBAG23-002</b>   | This study; Barco <i>et al.</i> , 2013   |
| <i>Ocinebrina hispidula</i> (3)            | KF153302<br>KF153316; KF153394;                                     |   | Barco <i>et al.</i> , 2013   |
| <i>Ocinebrina ingloria</i> (3)             | KF153437  |   | Barco <i>et al.</i> , 2013   |
| <i>Ocinebrina leukos</i> (1)               | KF153286  |   | Barco <i>et al.</i> , 2013   |
| <i>Ocinebrina lurida</i> (1)               | KF643785  |   | Layton <i>et al.</i> , 2014  |
| <i>Ocinebrina miscowichae</i> (3)          | KF153346; KF153350;<br>KF153417<br>KF153446; KF153281;              |   | Barco <i>et al.</i> , 2013   |
| <i>Ocinebrina nicolai</i> (3)              | KF153434  |   | Barco <i>et al.</i> , 2013   |
| <i>Ocinebrina piantonii</i> (1)            | KF153271  |   | Barco <i>et al.</i> , 2013   |
| <i>Ocinebrina</i> sp. (1)                  |   | LMBS12  | This study   |
| <i>Patella aspera</i> (6)                  | EF462971; EF462966<br>DQ089564; DQ089570;                           | <b>LMBT5-001 LMBT5-002 LMBT5-003; LMBSM5-001<br/>LMBT1-001; LMBT1-003; LMBT1-004; LMBSM8-001;<br/>LMBSM8-002; LMBSM8-003</b>                | This study; Borrell <i>et al.</i> , 2007<br>This study; Sá-Pinto <i>et al.</i> , 2008; Sá-<br>Pinto <i>et al.</i> , 2005 |
| <i>Patella candei</i> (9)                  | DQ089573  | <b>LMBAG33-001; LMBAG33-002; LMBAG25-001; LMBAG25-<br/>002; LMBAG25-003; LMBAP1-001, LMBAP1-002</b>   | This study; Munoz-Comenero <i>et al.</i> ,<br>2011   |
| <i>Patella depressa</i> (9)                | JF937119; JF937155  |   | Nakano & Ozawa, 2007   |
| <i>Patella ferruginea</i> (1)              | AB238578  |   |  |
| <i>Patella pellucida</i> (2)               | DQ089620  | <b>LMBV15-001</b>   | This study; Sá-Pinto <i>et al.</i> , 2005  |
| <i>Patella rustica</i> (1)                 | AB238579<br>HF547539; HF547517;                                     |   | Nakano & Ozawa, 2007<br>This study; Sá-Pinto <i>et al.</i> , 2008; Sá-<br>Pinto <i>et al.</i> , 2005                     |
| <i>Patella ulyssiponensis</i> (7)          | HF547528; DQ089596  | <b>LMBV9-001, LMBV9-002; LMBV9-003<br/>LMBV22-001; LMBV22-002; LMBV23-001; LMBV23-002;<br/>LMBV23-003; LMBV24-001</b>                       | This study; Munoz-Comenero <i>et al.</i> ,<br>2011; Nakano & Ozawa, 2007   |
| <i>Patella vulgata</i> (8)                 | JF937168; AB238589  | <b>LMBAG4-003; LMBAG21-001; LMBAG21-002; LMBAG21-003;<br/>LMBAG32-001; LMBAG32-002; LMBAG32-003; LMBAG38-<br/>002; LMBA1-002; LMBV4-003</b> | This study; Donald <i>et al.</i> , 2012  |
| <i>Phorcus lineatus</i> (13) 100           | JN686331; JN686317;<br>JN686329<br>JN686300;<br>JN686303; KF369166; |   | Donald <i>et al.</i> , 2012; Lobo <i>et al.</i> , 2013;<br>Galindo <i>et al.</i> , 2014                                  |
| <i>Phorcus sauciatus</i> (4)               | KC990630  |   |  |
| <i>Scurria bahamondina</i> (1)             | AB238531  |   | Nakano & Ozawa, 2007   |
| <i>Siphonaria pectinata</i> (9)            | HQ386635; HQ386652;<br>HQ3886654; HQ386639                          | <b>LMBAG18-001; LMBAG18-002; LMBAG18-003; LMBAP2-001;<br/>LMBAP2-002</b>  | This study; Kawauchi & Giribet, 2011   |

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| <i>Tectarius striatus</i> (3)              | KC990635                     | <b>LMBT2-001; LMBSM6-006</b> | This study; Galindo <i>et al.</i> , 2014 |
| <i>Tectura virginea</i> (2)                | AB238541                     | <b>LMBV8-001</b>             | This study; Nakano & Ozawa, 2007         |
| <i>Tricolia pullus</i> (1)                 | AM049358                     |                              | Williams & Ozawa, 2006                   |
| <i>Tricolia pullus azorica</i> (2)         |                              | LMBAG10-001; LMBAG10-002     | This study                               |
| <i>Vermetus triquetrus</i> (1)             | KF369193                     |                              | Lobo <i>et al.</i> , 2013                |

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