

**Checklist date: 10 March 2018 – cited works:**

Bernard TURSCH & Dietmar GREIFENEDER «*Oliva* shells - The genus *Oliva* and the Species problem» L'INFORMATORE PICENO, Italy, 2001  
Günther H. W. STERBA «*Olividae* – A Collectors Guide» ConchBooks, Hackenheim, 2004  
HUNON-HOARAU-ROBIN «*Olividae* – A Complete survey of recent species of the genus *Oliva*» ConchBooks, Hackenheim, 2009

### ***Disclaimer: a note of caution***

Some years of occasional reading of three books, and a small collection, do not make me an expert in Olives.

Both the determination of the specimens I own, and the tables proposed in the following pages are affected by my lack of competence, even though I have the luck to know maybe the most reliable and competent Italian expert in the field of Olives, who is patiently advising me.

Maybe the systematics of the genus *Oliva* is not the most challenging, if compared e.g. with some genus of Cypraeidae: this notwithstanding, the confusion created by splitters in the last 40 years wasn't adequately clarified by the magnificent work by Tursch and Greifeneder “*Oliva* shells – the genus *Oliva* and the species problem”, because their well-documented and accurately applied “objective morphospecies approach” – while restoring the truth about most “psychospecies” – tends to lump in a single morphological continuum some closely related but distinct biological species. Thus, just to make an example, the treatment of most Atlantic species by Tursch and Greifeneder can't be deemed as satisfactory. Their “*O. fulgurator* complex” cannot be disputed on a “objective morphospecies” basis but, as Sterba points out, doesn't resolve the objective biological species diversity.

Considering the limits of my budget and of my command of the subject, I chose an ambitious but still affordable objective: collecting at least one specimen of each **valid species** of *Oliva*.

My definition of “**valid species**” can be easily derived from the tables in the following pages. I rely on competent advice and on some intuition – I am slowly beginning to grasp the basics, but still I have very much to learn.

The only value of the tables in the next pages – if any – is the cross-reference among the three works I own.

Cesare Brizio, 5 November 2014

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| #   | Bernard TURSCH & Dietmar GREIFENEDER |      |           |   | Günther H. W. STERBA |           |                                | HUNON-HOARAU-ROBIN |                              | Taxonomy  | Taxon validity |     |        |     |      |             |                 | Relevant synonyms             |
|-----|--------------------------------------|------|-----------|---|----------------------|-----------|--------------------------------|--------------------|------------------------------|---|----------------|-----|--------|-----|------|-------------|-----------------|-------------------------------|
|     | Group                                | Page | Col.Plit. | Notes   | Page                 | Col.Plit. | Notes                          | Page               | Notes                        |   | Species        | T&C | Sterba | HHR | Else | Valid Owned | Valid Not Owned |                               |
| 1.  | 1                                    | 299  | 4         |   | 70                   | 22        |                                | 48                 | Form of <i>O. annulata</i>   | <i>amethystina</i> (Röding, 1798)                   | 1              | 1   | 1      |     | 1    |             |                 |                               |
| 2.  | 10                                   | 375  | 26        |   | 58                   | 16        |                                | 92                 |                              | <i>atalina</i> Duclos, 1835                         | 2              | 2   | 2      |     | 2    |             |                 |                               |
| 3.  | 4                                    | 327  | 12        |   | 90                   | 32        |                                | 154                |                              | <i>athenia</i> Duclos, 1840                         | 3              | 3   | 3      |     |      |             |                 | <i>concovospira, todosina</i> |
| 4.  | 2                                    | 314  | 6         |   | 78                   | 26        |                                | 34                 |                              | <i>australis</i> Duclos, 1835                       | 4              | 4   | 4      |     | 3    |             |                 |                               |
| 5.  | 7                                    | 353  | 18        |   | 56                   | ---       |                                | 160                |                              | <i>baileyi</i> Petuch, 1979                         | 5              | 5   | 5      |     |      | 1           |                 |                               |
| 6.  | =                                    | ---  | 37-T6     | <i>O. fulgurator</i> complex                    | ---                  | ---       |                                | 164                |                              | <i>barbadensis</i> Duclos, 1835                     |                |     | 6      |     |      |             | 1               |                               |
| 7.  | =                                    | ---  | ---       |   | ---                  | ---       |                                | 212                |                              | <i>bayeri</i> Petuch, 2001                          |                |     | 7      |     |      |             |                 | 1                             |
| 8.  | =                                    | ---  | T21       | syn. <i>O. semmelinki</i>                       | 78                   | 26        |                                | 46                 | syn. <i>O. semmelinki</i>    | <i>bathyalis</i> Pet.&Sar., 1986                    |                | 6   |        |     | 4    |             |                 |                               |
| 9.  | =                                    | ---  | T10       | syn. <i>O. miniacea</i>                         | 32                   | 3         | syn. <i>O. miniacea</i>        | 117                | syn. <i>O. miniacea</i>      | <i>berti</i> Terzer, 1986                           |                |     |        | 1   |      |             | 2               |                               |
| 10. | =                                    | ---  | T4        | <i>O. fulgurator</i> complex                    | 98                   | 36        |                                | 166                |                              | <i>berleyi</i> Marrat, 1870                         |                | 7   | 8      |     | 5    |             |                 |                               |
| 11. | =                                    | ---  | 37-T5     | <i>O. fulgurator</i> complex                    | 96                   | 35        |                                | 168                |                              | <i>bifasciata</i> Küster in Weinkrauff, 1878        |                | 8   | 9      |     | 6    |             |                 |                               |
| 12. | =                                    | ---  | T27       | syn. <i>O. concavospira</i>                     | 56                   | 15        | form of <i>O. concavospira</i> | 128                | syn. <i>O. concavospira</i>  | <i>boholensis</i> Pet.&Sar., 1986                   |                |     |        | 2   |      |             |                 | 2                             |
| 13. | =                                    | ---  | T4        | <i>O. fulgurator</i> complex                    | 96                   | 35        | form of <i>O. bifasciata</i>   | 170                | form of <i>O. bifasciata</i> | <i>bolingi</i> Clench, 1934                         |                |     |        | 3   | 7    |             |                 |                               |
| 14. | 3                                    | 320  | 8         |   | 84                   | 29        |                                | 156                |                              | <i>brettinghami</i> Bridgman, 1909                  | 6              | 9   | 10     |     | 8    |             |                 |                               |
| 15. | 1                                    | 306  | 5         |   | 72                   | 23        |                                | 52                 | <i>buloui</i> , with 3 ssp.  | <i>buelowi</i> Sowerby, 1890                        | 7              | 10  | 11     |     | 9    |             |                 |                               |
| 16. | =                                    | ---  | ---       | (undescribed)                                   | ---                  | ---       |                                | 56                 |                              | <i>buelowi inscripta</i> Pet.&Sar., 1986            |                |     | 12     |     | 10   |             |                 |                               |
| 17. | 1                                    | 307  | 5         |   | 72                   | 23        |                                | 54                 |                              | <i>buelowi phuketensis</i> Tursch, Ger.&Greif, 1986 | 8              | 11  | 13     |     | 11   |             |                 |                               |
| 18. | =                                    | ---  | ---       | (undescribed)                                   | ---                  | ---       |                                | 57                 |                              | <i>buelowi stoneorum</i> Pet.&Sar., 1986            |                |     | 14     |     |      |             | 3               |                               |
| 19. | 12                                   | 392  | 33        |   | 68                   | 21        |                                | 64                 |                              | <i>bulbiformis</i> Duclos, 1840                     | 9              | 12  | 15     |     | 12   |             |                 |                               |
| 20. | 12                                   | 387  | 32        |   | 54-66                | 19-20     |                                | 66                 |                              | <i>bulbosa</i> (Röding, 1798)                       | 10             | 13  | 16     |     | 13   |             |                 |                               |
| 21. | 10                                   | 373  | 27        |   | 60                   | 17        |                                | 94                 |                              | <i>caerulea</i> Röding, 1798                        | 11             | 14  | 17     |     | 14   |             |                 |                               |
| 22. | 4                                    | 328  | 10        |   | 86                   | 30        |                                | 80                 |                              | <i>carneola</i> (Gmelin, 1791)                      | 12             | 15  | 18     |     | 15   |             |                 |                               |
| 23. | 12                                   | 390  | 33        |   | 58                   | 16        |                                | 70                 |                              | <i>caroliniana</i> Duclos, 1835                     | 13             | 16  | 19     |     | 16   |             |                 |                               |
| 24. | 2                                    | 311  | 7         |   | 72                   | 23        |                                | 36                 |                              | <i>chrysoplecta</i> Tursch & Greifeneder, 1989      | 14             | 17  | 20     |     | 17   |             |                 |                               |
| 25. | =                                    | ---  | 37-T6     | <i>O. fulgurator</i> complex                    | 96                   | 35        |                                | 172                |                              | <i>circinata</i> Marrat, 1871                       |                | 18  | 21     |     | 18   |             |                 |                               |
| 26. | =                                    | ---  | ---       | (undescribed)                                   | ---                  | ---       |                                |                    |                              | <i>circinata jorioi</i> Petuch, 2013                |                |     |        | 4   |      |             | 4               |                               |
| 27. | 5                                    | 333  | 13        |   | 56                   | 15        |                                | 128                |                              | <i>concovospira</i> Sowerby, 1914                   | 15             | 19  | 22     |     | 19   |             |                 |                               |
| 28. | =                                    | ---  | 20-T13    | <i>O. irisans</i>                               | 50                   | 12        | form of <i>O. irisans</i>      | 98                 |                              | <i>concinna</i> Marrat, 1870                        |                |     | 23     |     | 20   |             |                 |                               |
| 29. | =                                    | ---  | 20-T13    | <i>O. irisans</i> – Holot. = <i>O. miniacea</i> | 50                   | 12        | syn. of <i>O. irisans</i>      | 102                |                              | <i>concinna kremerorum</i> Pet.&Sar., 1986          |                |     | 24     |     | 21   |             |                 |                               |
| 30. | 5                                    | 338  | 14        |   | 82                   | 28        |                                | 72                 |                              | <i>dactyliola</i> Duclos, 1840                      | 16             | 20  | 25     |     | 22   |             |                 |                               |
| 31. | =                                    | ---  | T4        | <i>O. fulgurator</i> complex                    | ---                  | ---       |                                | 174                |                              | <i>drangai</i> Schwengel, 1951                      |                |     | 26     |     |      |             | 2               |                               |
| 32. | 7                                    | 357  | 19        |   | 84                   | 29        |                                | 149                |                              | <i>dubia</i> Schepman, 1904                         | 17             | 21  | 27     |     | 23   |             |                 |                               |
| 33. | 8                                    | 358  | 24        |   | 44                   | 9         |                                | 234                |                              | <i>elegans</i> Lamarck, 1811                        | 18             | 22  | 28     |     | 24   |             |                 |                               |
| 34. | 10                                   | 376  | 26        |   | 58                   | 16        |                                | 104                |                              | <i>emeliodina</i> Duclos, 1845                      | 19             | 23  | 29     |     | 25   |             |                 |                               |
| 35. | 6                                    | 346  | 15        |   | 84                   | 29        |                                | 158                |                              | <i>fabia</i> Marrat, 1867                           | 20             | 24  | 30     |     | 26   |             |                 |                               |
| 36. | =                                    | ---  | ---       | (undescribed)                                   | ---                  | ---       |                                |                    |                              | <i>februaryana</i> Falconieri, 2008                 |                |     |        | 5   |      |             | 5               |                               |
| 37. | 6                                    | 349  | 15        |   | 153                  | ---       |                                | 154                | syn. <i>O. athenia</i>       | <i>fijiana</i> Tursch & Greifeneder, 2001           | 21             | 25  |        |     | 27   |             |                 |                               |
| 38. | 14                                   | 412  | 35        |   | 92                   | 33        |                                | 176                |                              | <i>flammulata dolicha</i> Locard, 1897              | 22             | 26  |        |     | 28   |             |                 |                               |
| 39. | 14                                   | 410  | 34        |   | 92                   | 33        |                                | 176                |                              | <i>flammulata</i> Lamarck, 1811                     | 23             | 27  | 31     |     | 29   |             |                 |                               |

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|-----|--------------------------------------|------|---------|--|----------------------|---------|-------------------------------|--------------------|-----------------------------------|---|----------------|-----|--------|-----|------|-------------|-----------------|-------------------|-----------------------------------|
|     | Group                                | Page | Col.Pl. | Notes  | Page                 | Col.Pl. | Notes                         | Page               | Notes                             |   | Species        | T&G | Sterba | HHR | Else | Valid Owned | Valid Not Owned |                   | Invalid Owned                     |
| 40. | 15                                   | 417  | 39      |  | 106                  | 40      |                               | 178                |                                   | <i>foxi</i> Stingley, 1984                      | 24             | 28  | 32     |     | 30   |             |                 |                   |                                   |
| 41. | 14                                   | 400  | 36,37   | <i>O. fulgurator</i> complex                   | 94                   | 34      |                               | 180                |                                   | <i>fulgurator</i> (Röding, 1798)                | 25             | 29  | 33     |     | 31   |             |                 |                   |                                   |
| 42. | =                                    | ---  | T6      | <i>O. fulgurator</i> complex                   | 94                   | 34      | form of <i>O. fulgurator</i>  | 182                |                                   | <i>fulgurator bullata</i> Marrat, 1871          |                |     | 34     |     | 32   |             |                 |                   |                                   |
| 43. | =                                    | ---  | T5      | <i>O. fulgurator</i> complex                   | 96                   | 35      | form of <i>O. circinata</i>   | 184                | form of <i>O. circinata</i>       | <i>goajira</i> Pet.&Sar., 1986                  |                |     | 35     |     | 33   |             |                 |                   | f.of <i>bollingi</i> Clench, 1934 |
| 44. | =                                    | ---  | T14     | local form of <i>O. vidua</i>                  | ---                  | ---     |                               | ---                |                                   | <i>hanleyorum</i> Pet.&Sar., 1986               |                |     |        |     |      |             |                 | 3                 | <i>cylindrica</i> Marrat, 1867    |
| 45. | 4                                    | 331  | 12      |  | 90                   | 32      |                               | 33                 |                                   | <i>hilli</i> Pet.&Sar., 1986                    | 26             | 30  | 36     |     | 34   |             |                 |                   |                                   |
| 46. | 9                                    | 365  | 22      |  | 54                   | 14      |                               | 106                |                                   | <i>hirasei</i> Kira, 1959                       | 27             | 31  | 37     |     | 35   |             |                 |                   |                                   |
| 47. | =                                    | ---  | ---     | (undescribed)                                  | ---                  | ---     |                               | ---                |                                   | <i>hirasei ameliae</i> Strano, 2016             |                |     |        | 6   | 36   |             |                 |                   |                                   |
| 48. | 16                                   | 421  | 40      |  | 100                  | 37      |                               | 186                |                                   | <i>incrassata</i> (Lightfoot in Solander, 1786) | 28             | 32  | 38     |     | 37   |             |                 |                   |                                   |
| 49. | =                                    | ---  | 6-T15   | form of <i>O. vidua</i>                        | 44                   | 9       | form of <i>O. vidua</i>       | 236                |                                   | <i>indomalaysica</i> Pet.&Sar., 1986            |                |     | 39     |     |      |             | 6               |                   |                                   |
| 50. | 9                                    | 367  | 20,21   |  | 48-50                | 11-12   |                               | 108                |                                   | <i>irisans</i> Lamarck, 1811                    | 29             | 33  | 40     |     | 38   |             |                 |                   |                                   |
| 51. | =                                    | ---  | T15     | <i>nomen dubium</i>                            | 68                   | 21      | Syn. of <i>O. bulbiformis</i> | 65                 | form of <i>O. bulbiformis</i>     | <i>jayana</i> Marrat, 1867                      |                |     |        | 7   | 39   |             |                 |                   |                                   |
| 52. | =                                    | ---  | T3      | <i>O. fulgurator</i> complex                   | 94                   | 34      |                               | 188                |                                   | <i>jamaicensis</i> Marrat, 1867                 |                | 34  | 41     |     | 40   |             |                 |                   |                                   |
| 53. | =                                    | ---  | T4      | <i>O. fulgurator</i> complex                   | ---                  | ---     |                               | 189                |                                   | <i>jamaicensis zombia</i> Pet.&Sar., 1986       |                |     | 42     |     | 41   |             |                 |                   |                                   |
| 54. | 3                                    | 318  | 9       |  | 72                   | 23      |                               | 38                 |                                   | <i>jaspidea</i> Duclos, 1835                    | 30             | 35  | 43     |     | 42   |             |                 |                   |                                   |
| 55. | =                                    | ---  | T21     | jun.syn. of <i>O. semmelinki</i>               | 90                   | 32      |                               | 46                 | jun.syn. of <i>O. semmelinki</i>  | <i>joyceae</i> Pet.&Sar., 1986                  |                | 36  |        |     |      |             |                 | 4                 |                                   |
| 56. | 16                                   | 422  | 40      |  | 104                  | 39      |                               | 190                |                                   | <i>julieta</i> Duclos, 1840                     | 31             | 37  | 44     |     | 43   |             |                 |                   |                                   |
| 57. | 16                                   | 424  | 42      |  | 106                  | 40      |                               | 192                |                                   | <i>kaleontina</i> Duclos, 1835                  | 32             | 38  | 45     |     | 44   |             |                 |                   |                                   |
| 58. | 5                                    | 339  | 14      |  | 52                   | 13      |                               | 74                 |                                   | <i>keeni</i> Marrat, 1870                       | 33             | 39  | 46     |     | 45   |             |                 |                   |                                   |
| 59. | =                                    | ---  | ---     | (undescribed)                                  | ---                  | ---     |                               | ---                |                                   | <i>kohi</i> Hunon, Rabiller & Richard, 2016     |                |     |        | 8   |      |             |                 | 5                 |                                   |
| 60. | 3                                    | 323  | 8       |  | 90                   | 32      |                               | ---                | in genus <i>Belloliva</i>         | <i>lacanietai</i> Greifeneder & Blöcher, 1985   | 34             | 40  |        |     | 46   |             |                 |                   |                                   |
| 61. | 12                                   | 394  | 31      |  | 56                   | 15      |                               | 76                 |                                   | <i>lecoquiana</i> Ducros de St Germain, 1857    | 35             | 41  | 47     |     | 47   |             |                 |                   |                                   |
| 62. | 2                                    | 312  | 6       |  | 78                   | 26      |                               | 40                 |                                   | <i>leonardhilli</i> Pet.&Sar., 1986             | 36             | 42  | 48     |     | 48   |             |                 |                   |                                   |
| 63. | =                                    | ---  | 11-T28  | jun. syn. of <i>O. todosina</i>                | 88                   | 31      |                               | 86                 | syn. <i>sidelia</i>               | <i>lepida</i> Duclos, 1835                      |                | 43  |        |     |      |             | 7               |                   |                                   |
| 64. | =                                    | ---  | ---     | (undescribed)                                  | ---                  | ---     |                               | ---                |                                   | <i>lilacea</i> Paulmier, 2013                   |                |     |        | 9   |      |             |                 | 6                 |                                   |
| 65. | =                                    | ---  | 16-T23  | = <i>ispidula longispira</i> = <i>O. Oliva</i> | 78                   | 26      | form of <i>O. oliva</i>       | 134                |                                   | <i>longispira</i> Bridgman, 1906                |                |     | 49     |     | 49   |             |                 |                   |                                   |
| 66. | 1                                    | 302  | 5       |  | 70                   | 22      |                               | 48                 | syn. <i>annulata</i>              | <i>maculata</i> Duclos, 1840                    | 37             | 44  |        |     | 50   |             |                 |                   |                                   |
| 67. | =                                    | ---  | T15     | form of <i>O. vidua</i>                        | ---                  | ---     | Syn. of <i>O. vidua</i>       | 249                | form of <i>O. vidua</i>           | <i>macleaya</i> Duclos, 1840                    |                |     |        | 10  |      |             | 8               |                   |                                   |
| 68. | =                                    | ---  | T3      | <i>O. fulgurator</i> complex                   | 98                   | 36      |                               | 170                | form of <i>O. bifasciata</i>      | <i>magdae</i> Pet.&Sar., 1986                   |                | 45  |        |     |      |             | 9               |                   |                                   |
| 69. | 1                                    | 300  | 4       |  | 70                   | 22      |                               | 48                 | syn. <i>annulata</i>              | <i>mantichora</i> Duclos, 1840                  | 38             | 46  |        |     | 51   |             |                 |                   |                                   |
| 70. | 11                                   | 383  | 31      |  | 38                   | 6       |                               | 122                | syn. <i>pica</i>                  | <i>mascarena</i> Tursch & Greifeneder, 1996     | 39             | 47  | 50     |     | 52   |             |                 |                   |                                   |
| 71. | 11                                   | 379  | 28,29   |  | 30-34                | 2-3-4   |                               | 114                |                                   | <i>miniacea</i> (Röding, 1798)                  | 40             | 48  | 51     |     | 53   |             |                 |                   |                                   |
| 72. | 11                                   | 380  | 30      |  | 34                   | 4       |                               | 118                | form of <i>miniacea tremulina</i> | <i>miniacea flammeacolor</i> Pet.&Sar., 1986    | 41             | 49  |        |     | 54   |             |                 |                   |                                   |
| 73. | 11                                   | 381  | 29      |  | 36                   | 5       |                               | 118                |                                   | <i>miniacea tremulina</i> Lamarck, 1811         | 42             | 50  | 52     |     | 55   |             |                 |                   |                                   |
| 74. | =                                    | ---  | T15     | syn. of <i>O. vidua</i>                        | 90                   | 32      | Doubtful                      | 246                | syn. <i>vidua</i>                 | <i>mindanaoensis</i> Pet.&Sar., 1986            |                | 51  |        |     |      |             | 10              |                   |                                   |
| 75. | 6                                    | 348  | 15      |  | 153                  | ---     |                               | 130                | syn. <i>mustelina</i>             | <i>mucronata</i> Marrat, 1871                   | 43             | 52  |        |     |      |             | 3               |                   |                                   |
| 76. | 13                                   | 395  | 34      |  | 56                   | 15      |                               | 126                |                                   | <i>multiplicata</i> Reeve, 1850                 | 44             | 53  | 53     |     | 56   |             |                 |                   |                                   |
| 77. | 9                                    | 370  | 19      |  | 56                   | 15      |                               | 130                |                                   | <i>mustelina</i> Lamarck, 1811                  | 45             | 54  | 54     |     | 57   |             |                 |                   |                                   |
| 78. | =                                    | ---  | 26-T15  | color form of <i>O. vidua</i>                  | 44                   | 9       |                               | 246                | syn. <i>vidua</i>                 | <i>neostina</i> Duclos, 1840                    |                | 55  |        |     | 58   |             |                 |                   |                                   |
| 79. | 3                                    | 317  | 9       |  | 82                   | 28      |                               | 144                |                                   | <i>nitidula</i> Duclos, 1835                    | 46             | 56  | 55     |     | 59   |             |                 |                   |                                   |

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|--------------------------------------|-------|------|---------|--|-------|---------|-------------------------------|------|---|---|-----|--------|-----|------|-------------|-----------------|-------------------|--------------|------------------------------|
| #                                    | Group | Page | Col.Pl. | Notes  | Page  | Col.Pl. | Notes                         | Page | Notes   | Species                                   | T&G | Sterba | HHR | Else | Valid Owned | Valid Not Owned |                   | Invald Owned | Invald Not Owned             |
| 80.                                  | =     | ---  | ---     | (undescribed)                                | ---   | ---     |                               | ---  |   | <i>nitidula nellyae</i> Cossignani, 2017  |     |        |     | 11   | 60          |                 |                   |              |                              |
| 81.                                  | =     | ---  | 9       | form of <i>O. nitidula</i>                   | 82    | 28      | form of <i>O. nitidula</i>    | 146  |   | <i>nitidula sandwichensis</i> Pease, 1860 |     |        | 56  |      | 61          |                 |                   |              |                              |
| 82.                                  | =     | ---  | T4      | <i>O. fulgurator</i> complex                 | ---   | ---     |                               | 194  |   | <i>nivosa</i> Marrat, 1871                |     |        | 57  |      |             |                 |                   | 7            |                              |
| 83.                                  | =     | ---  | T3      | syn. of <i>O. fulgurator</i>                 | 94    | 34      | syn. <i>fulgurator</i>        | 181  | syn. <i>fulgurator</i>                        | <i>obesina</i> Duclos, 1840               |     |        |     | 12   |             | 4               |                   |              |                              |
| 84.                                  | 6     | 341  | 16, 17  |  | 74-76 | 24-25   |                               | 136  |   | <i>oliva</i> (Linnaeus, 1758)             | 47  | 57     | 58  |      | 62          |                 |                   |              |                              |
| 85.                                  | =     | ---  |         |  | ---   | ---     |                               | ---  |   | <i>olivacea</i> Marrat, 1870              |     |        |     | 13   |             |                 | 11                |              |                              |
| 86.                                  | =     | ---  | 39-T1   | subj. jun.syn of <i>O. polpasta</i>          | 104   | 39      |                               | 196  |   | <i>olssoni</i> (Linnaeus, 1758)           |     | 58     | 59  |      | 63          |                 |                   |              |                              |
| 87.                                  | 9     | 369  | 21      |  | 52    | 13      |                               | 112  | syn. <i>lignaria</i>                          | <i>ornata</i> Marrat, 1867                | 48  | 59     | 60  |      | 64          |                 |                   |              |                              |
| 88.                                  | 2     | 316  | 6       |  | 90    | 32      |                               | 46   | form of <i>semmelinki</i>                     | <i>ouini</i> Kantor & Tursch, 1998        | 49  | 60     |     |      |             |                 | 5                 |              |                              |
| 89.                                  | 9     | 366  | 19      |  | 54    | 14      |                               | 60   |   | <i>pacifica</i> Marrat, 1870              | 50  | 61     | 61  |      | 65          |                 |                   |              |                              |
| 90.                                  | 2     | 309  | 7       |  | 80    | 27      |                               | 42   |   | <i>panniculata</i> Duclos, 1835           | 51  | 62     | 62  |      | 66          |                 |                   |              |                              |
| 91.                                  | 1     | 303  | 5       |  | 72    | 23      |                               | 58   |   | <i>parkinsoni</i> Prior, 1975             | 52  | 63     | 63  |      | 67          |                 |                   |              |                              |
| 92.                                  | 16    | 425  | 41      |  | 102   | 38      |                               | 198  |   | <i>peruviana</i> Lamarck, 1811            | 53  | 64     | 64  |      | 68          |                 |                   |              |                              |
| 93.                                  | 5     | 334  | 14      |  | 90    | 32      |                               | 84   |   | <i>picta</i> Reeve, 1850                  | 54  | 65     | 65  |      | 69          |                 |                   |              |                              |
| 94.                                  | =     | ---  | T7      | Form of <i>O. spicata</i>                    | ---   | ---     | Form of <i>O. spicata</i>     | 200  |   | <i>pindarina</i> Duclos, 1840             |     |        |     | 66   | 70          |                 |                   |              |                              |
| 95.                                  | =     | ---  | 7-T25   | Form of <i>O. panniculata</i>                | 80    | 27      | Form of <i>O. panniculata</i> | 44   |   | <i>polita</i> Marrat, 1867                |     |        |     | 67   | 71          |                 |                   |              |                              |
| 96.                                  | 15    | 413  | 39      |  | 104   | 39      |                               | 204  |   | <i>polpasta</i> Duclos, 1833              | 55  | 66     | 68  |      | 72          |                 |                   |              |                              |
| 97.                                  | 11    | 382  | 30      |  | 38    | 6       |                               | 97   |   | <i>ponderosa</i> Duclos, 1840             | 56  | 67     | 69  |      | 73          |                 |                   |              |                              |
| 98.                                  | =     | ---  |         | (undiscovered)                               | ---   | ---     |                               | ---  | in genus <i>Belloliva</i>                     | <i>poppei</i> Sargent & Petuch, 2008      |     |        |     | 14   | 74          |                 |                   |              |                              |
| 99.                                  | 15    | 419  | 40      |  | 100   | 37      |                               | 152  |   | <i>porphyria</i> (Linnaeus, 1758)         | 57  | 68     | 70  |      | 75          |                 |                   |              |                              |
| 100.                                 | =     | ---  | T15     | syn. of <i>O. vidua</i>                      | ---   | ---     |                               | ---  | form of <i>O. vidua</i>                       | <i>raderi</i> Pet.&Sar., 1986             |     |        |     | 15   |             |                 | 12                |              |                              |
| 101.                                 | =     | ---  | T6      | <i>O. fulgurator</i> complex                 | 94    | 34      | Syn. of <i>O. reticularis</i> | 206  |   | <i>reclusa</i> Marrat, 1871               |     |        | 71  |      |             |                 |                   |              | <i>sargenti</i> Petuch, 1987 |
| 102.                                 | =     | ---  | 37-T5   | <i>O. fulgurator</i> complex                 | 94    | 34      |                               | 208  |   | <i>reticularis</i> Lamarck, 1811          |     | 69     | 72  |      | 76          |                 |                   |              |                              |
| 103.                                 | =     | ---  | T5      | <i>O. fulgurator</i> complex                 | 94    | 34      |                               | 238  | form of <i>O. reticularis</i>                 | <i>reticularis ernesti</i> Petuch, 1990   |     |        | 70  |      | 77          |                 |                   |              |                              |
| 104.                                 | 8     | 361  | 23      |  | 46    | 10      |                               | 238  |   | <i>reticulata</i> (Röding, 1798)          | 58  | 71     | 73  |      | 78          |                 |                   |              |                              |
| 105.                                 | =     | ---  | 9       | Syn. of <i>O. nitidula</i>                   | 82    | 28      | Syn. of <i>O. nitidula</i>    | 148  |   | <i>richerti</i> Kay, 1979                 | 59  |        | 74  |      |             |                 | 6                 |              |                              |
| 106.                                 | 8     | 364  | 22      |  | 46    | 10      |                               | 242  |   | <i>rubrolabiata</i> Fischer, 1903         | 60  | 72     | 75  |      | 79          |                 |                   |              |                              |
| 107.                                 | 7     | 354  | 18      |  | 84    | 29      |                               | 150  |   | <i>rufofulgurata</i> Schepman, 1904       | 61  | 73     | 76  |      | 80          |                 |                   |              |                              |
| 108.                                 | 7     | 352  | 18      |  | 56    | 15      |                               | 162  |   | <i>rufula</i> Duclos, 1840                | 62  | 74     | 77  |      | 81          |                 |                   |              |                              |
| 109.                                 | =     | ---  | T23     | Syn. of <i>O. oliva</i>                      | 76    | 25      | Form of <i>O. oliva</i>       | 140  | Form of <i>O. tigridella</i>                  | <i>samarensis</i> Johnson, 1915           |     |        |     |      | 82          |                 |                   |              |                              |
| 110.                                 | =     | ---  | T4      | <i>O. fulgurator</i> complex                 | 98    | 36      | Syn. of <i>O. tisisphona</i>  | 203  |   | <i>sargenti</i> Petuch, 1987              |     |        | 75  | 78   | 83          |                 |                   |              | <i>reclusa</i> Marrat, 1871  |
| 111.                                 | 14    | 408  | 35      |  | 92    | 33      |                               | 212  |   | <i>sayana</i> Ravenel, 1834               | 63  | 76     | 79  |      | 84          |                 |                   |              |                              |
| 112.                                 | 14    | 406  | 35      |  | 92    | 33      |                               | 62   |   | <i>scripta</i> Lamarck, 1811              | 64  | 77     | 80  |      | 85          |                 |                   |              |                              |
| 113.                                 | 3     | 322  | 8       |  | 78    | 26      |                               | 46   |   | <i>semmelinki</i> Schepman, 1891          | 65  | 78     | 81  |      | 86          |                 |                   |              |                              |
| 114.                                 | 11    | 384  | 30      |  | 40    | 7       |                               | 124  |   | <i>sericea</i> (Röding, 1798)             | 66  | 79     | 82  |      | 87          |                 |                   |              |                              |
| 115.                                 | =     | ---  |         | nomen dub., <i>O. todosina</i> / <i>faba</i> | 88    | 31      |                               | 86   |   | <i>sidelia</i> Duclos, 1835               |     |        | 80  | 83   |             |                 |                   | 13           |                              |
| 116.                                 | =     | ---  | T22     | = <i>O. bulbiformis</i>                      | 68    | 21      |                               | 64   | = <i>O. bulbiformis</i> – syn. <i>similis</i> | <i>similis</i> Marrat, 1867               |     |        | 81  |      | 88          |                 |                   |              |                              |
| 117.                                 | =     | ---  | T23     |  | 84    | 29      | form of <i>O. faba</i>        | 143  |   | <i>smithi</i> Bridgman, 1906              |     |        | 84  |      |             |                 |                   | 7            |                              |
| 118.                                 | 14    | 403  | 38      |  | 108   | 41      |                               | 216  |   | <i>spicata</i> (Röding, 1798)             | 67  | 82     | 85  |      | 89          |                 |                   |              |                              |
| 119.                                 | 14    | 405  | 39      |  | 110   | 42      |                               | 218  |   | <i>spicata deynzeriae</i> Pet.&Sar., 1986 | 68  | 83     | 86  |      | 90          |                 |                   |              |                              |

Checklist date: 10 March 2018 – cited works:

Bernard TURSCH & Dietmar GREIFENEDER «*Oliva* shells - The genus *Oliva* and the Species problem» L'INFORMATORE PICENO, Italy, 2001  
 Günther H. W. STERBA «*Olividae* – A Collectors Guide» ConchBooks, Hackenheim, 2004  
 HUNON-HOARAU-ROBIN «*Olividae* – A Complete survey of recent species of the genus *Oliva*» ConchBooks, Hackenheim, 2009

| #    | Bernard TURSCH & Dietmar GREIFENEDER |      |          |                                     | Günther H. W. STERBA |          |   | HUNON-HOARAU-ROBIN |                                     | Taxonomy                                 | Taxon validity |     |        |     |      |             |                 | Relevant synonyms |                               |
|------|--------------------------------------|------|----------|-------------------------------------|----------------------|----------|---|--------------------|-------------------------------------|--|----------------|-----|--------|-----|------|-------------|-----------------|-------------------|-------------------------------|
|      | Group                                | Page | Col.Pit. | Notes                               | Page                 | Col.Pit. | Notes                                     | Page               | Notes                               |  | Species        | T&G | Sterba | HHR | Else | Valid Owned | Valid Not Owned |                   | Invalid Owned                 |
| 120. | 15                                   | 418  | 42       |                                     | 38                   | 102      |   | 220                |                                     | <i>splendidula</i> Sowerby, 1825         | 69             | 84  | 87     |     | 91   |             |                 |                   |                               |
| 121. | =                                    | ---  | ---      | (undiscovered)                      | ---                  | ---      |   | 136                | <i>O. oliva grey pag. 136 - 139</i> | <i>staleyi</i> Perini, 2011              |                |     |        | 16  | 92   |             |                 |                   |                               |
| 122. | =                                    | ---  | T7       | Form of <i>O. spicata</i>           | 110                  | 42       | form of <i>O. spicata</i>                 | 222                |                                     | <i>subangulata</i> Philippi, 1848        |                |     | 88     |     | 93   |             |                 |                   |                               |
| 123. | 1                                    | 307  | 5        |                                     | 86                   | 30       |   | 132                |                                     | <i>tessellata</i> Lamarck, 1811          | 70             | 85  | 89     |     | 94   |             |                 |                   |                               |
| 124. | 6                                    | 343  | 17       |                                     | 76                   | 25       |   | 140                |                                     | <i>tigridella</i> Duclos, 1835           | 71             | 86  | 90     |     | 95   |             |                 |                   |                               |
| 125. | 12                                   | 388  | 31       |                                     | 62                   | 18       |   | 78                 |                                     | <i>tigrina</i> Lamarck, 1811             | 72             | 87  | 91     |     | 96   |             |                 |                   |                               |
| 126. | =                                    | ---  | ---      | nomen dubium, <i>O. reticularis</i> | 98                   | 36       |   | 224                |                                     | <i>tisiphona</i> Duclos, 1845            |                | 88  | 92     |     | 97   |             |                 |                   |                               |
| 127. | 4                                    | 325  | 11       |                                     | 88                   | 31       |   | 90                 |                                     | <i>todosina</i> Duclos, 1840             | 73             | 89  | 93     |     | 98   |             |                 |                   |                               |
| 128. | 10                                   | 378  | 27       |                                     | 62                   | 18       |   | 244                |                                     | <i>tricolor</i> Lamarck, 1811            | 74             | 90  | 94     |     | 99   |             |                 |                   |                               |
| 129. | 15                                   | 414  | 39       |                                     | 104                  | 39       |   | 226                |                                     | <i>truncata</i> Marrat, 1867             | 75             | 91  | 95     |     | 100  |             |                 |                   |                               |
| 130. | 16                                   | 427  | 42       |                                     | 106                  | 40       |   | 232                |                                     | <i>undatella</i> Lamarck, 1811           | 76             | 92  | 96     |     | 101  |             |                 |                   |                               |
| 131. | 13                                   | 397  | 34       |                                     | 56                   | ---      | poss.Syn. <i>O. multiplicata</i>          | 126                | Syn. of <i>O. multiplicata</i>      | <i>vicdani</i> da Motta, 1982            |                |     |        | 17  |      | 8           |                 |                   |                               |
| 132. | 4                                    | 330  | 12       |                                     | 153                  | ---      |   | 104                | Syn. of <i>O. emeliodina</i>        | <i>vicweei</i> Recourt, 1989             | 77             | 93  |        |     |      | 9           |                 |                   |                               |
| 133. | =                                    | ---  | ---      | nomen dubium, <i>O. spicata</i>     | 108                  | 41       | Syn. <i>O. spicata</i> f. <i>violacea</i> | 126                |                                     | <i>venulata</i> Lamarck, 1811            |                |     | 97     |     | 102  |             |                 |                   |                               |
| 134. | 8                                    | 360  | 25,26    |                                     | 42-44                | 8,9      |   | 246                |                                     | <i>vidua</i> (Röding, 1798)              | 78             | 94  | 98     |     | 103  |             |                 |                   |                               |
| 135. | =                                    | ---  | 38-T8    | Form of <i>O. spicata</i>           | 108                  | 41       | form of <i>O.spicata</i>                  | 230                |                                     | <i>violacea</i> Marrat, 1867             |                |     | 99     |     | 104  |             |                 |                   |                               |
| 136. | =                                    | ---  | ---      | (undescribed)                       | ---                  | ---      |   |                    |                                     | <i>virgata</i> Sterba, 2005              |                |     |        | 18  | 105  |             |                 |                   |                               |
| 137. | =                                    | ---  | 11-T28   | subj. syn. of <i>O. todosina</i>    | 88                   | 31       |   | 86                 | Syn. of <i>O. sidelia</i>           | <i>volvarioides</i> Duclos, 1840         |                | 95  |        |     | 106  |             |                 |                   |                               |
| 138. | =                                    | ---  | ---      | = <i>O. panniculata</i>             | 80                   | 27       | form of <i>O. panniculata</i>             | 41                 |                                     | <i>williamsi</i> Melvill & Standen, 1897 |                |     | 100    |     |      |             | 8               |                   |                               |
| 139. | 5                                    | 336  | 13       |                                     | 90                   | 32       |   | 85                 |                                     | <i>xenos</i> Pet.&Sar., 1986             | 79             | 96  | 101    |     | 107  |             |                 |                   |                               |
| 140. | =                                    | ---  | T14      | Form of <i>O. vidua</i>             | ---                  | ---      | form of <i>O.vidua</i>                    | ---                | Syn. of <i>O. vidua</i>             | <i>zamboangensis</i> Pet.&Sar., 1986     |                |     |        | 19  | 108  |             |                 |                   | <i>raderi</i> Pet.&Sar., 1986 |

| Book             | T&G | Sterba      | H&H&R |
|------------------|-----|-------------|-------|
| Valid species    | 74  | 90 (87) (*) | 92    |
| Valid subspecies | 5   | 6           | 9     |
| Total            | 79  | 96          | 101   |

(\*) Sterba in his final supplement ( P. 153) declares 87 valid species but his book cites 90 including doubtful ones

| Count by Validity and Ownership |     | OWNED |    | Total | Synonyms | Table Rows |
|---------------------------------|-----|-------|----|-------|----------|------------|
|                                 |     | YES   | NO |       |          |            |
| Valid for me                    | YES | 108   | 9  | 117   | 2        | 140        |
|                                 | NO  | 13    | 8  | 21    |          |            |
| Total                           |     | 121   | 17 | 138   |          |            |

| Column               | Text and background colors in the table  |   |
|----------------------|--|---|
| Group, Page, Col.Pit | Dark gray indicates a species deemed as invalid by the book considered.  |   |
| Group                | A different color for each "group" in Tursch & Greifeneder (2001).   |   |
| Col.Pit.             | The green background is for the species not recognized by Tursch & Greifeneder (2001) and brings a reference to the holotypes B&W tables in the same book. |   |
| Species              | Yellow background marks the species that I still don't own.  |   |
| Validity             | T&G / Sterba / HHR   | Red background means "not valid" for the author considered.   |
|                      | else   | White background indicates a species not deemed valid in the three books considered here, or a species described after their publication. |
|                      | Valid (Owned or not)   | Valid for me – two columns, owned or not  |
|                      | Invalid (Owned or not)   | Not valid for me – two columns, owned or not – Black Boxes  |

Black Boxes mean that I consider the taxon as a synonym of another line in this table: to count each taxon once, the line is excluded.