**Supplementary File 2**

Supplementary Table 2. Specimens with associated genetic data.

| **Identification** | **Life stage** | **Collection # NTNU-VM** | **BOLD Sample ID** | **BOLD BIN** | **GenBank COI-5P** | **GenBank 28S** | **GenBank 18S** | **Colletion date** | **Latitude** | **Longitude** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Lebertia* sp. | adult  | 228687 | HYDCA351 | BOLD:ACY7175 | OM237849 | OM238015 | OM237965 | 20-Sep-2018 | 53.01665 | 106.74055 |
| *Lebertia gibbosa* | adult female | 227882 | HYDCA306 | BOLD:ACR9744 | OM237946 |  |  | 28-Aug-2019 | 58.51004  | 08.64806 |
| *Lebertia gibbosa* | deutonymph | 227883 | HYDCA429 | BOLD:ACR9744 | OM237878 |  |  | 28-Aug-2019 | 58.52520  | 08.67450 |
| *Lebertia gibbosa* | adult male | 227886 | HYDCA432 | BOLD:ACR9744 | OM237934 |  |  | 30-Aug-2019 | 58.08952 | 07.83998 |
| *Lebertia gibbosa* | adult female | 227884 | HYDCA454 | BOLD:ACR9744 | OM237867 | OM238024 | OM237974 | 28-Aug-2019 | 58.51004  | 08.64806 |
| *Lebertia gibbosa* | adult male | 227885 | HYDCA455 | BOLD:ACR9744 | OM237941 | OM238052 | OM238003 | 28-Aug-2019 | 58.51004  | 08.64806 |
| *Lebertia gibbosa* | adult female | 227888 | HYDCA462 | BOLD:ACR9744 | OM237880 | OM238029 | OM237979 | 21-Jun-2020 | 58.08952 | 07.83998 |
| *Lebertia gibbosa* | adult male | 227889 | HYDCA463 | BOLD:ACR9744 | OM237948 | OM238055 | OM238007 | 21-Jun-2020 | 58.08952 | 07.83998 |
| *Lebertia gibbosa* | adult male | 227896 | HYDCA467 | BOLD:ACR9744 | OM237938 | OM238050 | OM238001 | 25-Jun-2020 | 58.10366 | 06.69373 |
| *Lebertia gibbosa* | adult male | 227894 | HYDCA558 | BOLD:ACR9744 | OM237935 |  |  | 30-Aug-2019 | 58.08962 | 07.83937 |
| *Lebertia gibbosa* | adult male | 227897 | HYDCA569 | BOLD:ACR9744 | OM237957 |  |  | 25-Jun-2020 | 58.09846 | 06.69490 |
| *Lebertia insignis* | adult male | 227933 | HYDCA292 | BOLD:AEB9107 | OM237950 | OM238056 | OM238008 | 30-Aug-2019 | 58.15848 | 07.81138 |
| *Lebertia insignis* | adult male | 227934 | HYDCA293 | BOLD:AEB9107 | OM237857 | OM238018 | OM237968 | 30-Aug-2019 | 58.15848 | 07.81138 |
| *Lebertia insignis* | adult male | 227930 | HYDCA334 | BOLD:AEB9107 | OM237912 | OM238040 | OM237991 | 19-Aug-2019 | 59.03855 | 09.28759 |
| *Lebertia insignis* | adult male | 227942 | HYDCA453 | BOLD:AEB9107 | OM237897 | OM238033 | OM237983 | 30-Aug-2019 | 58.15848 | 07.81138 |
| *Lebertia insignis* | adult male | 227941 | HYDCA457 | BOLD:AEB9107 | OM237918 | OM238043 | OM237994 | 03-Jul-2020 | 63.4631 | 11.0853 |
| *Lebertia obscura* | adult female | 227951 | HYDCA14 | BOLD:ACT5154 | OM237887 | OM238030 | OM237980 | 13-Aug-2014 | 65.906 | 13.432 |
| *Lebertia obscura* | adult female | 227944 | HYDCA17 | BOLD:AAM5138 | OM237875 |  |  | 11-Aug-2014 | 66.052 | 13.364 |
| *Lebertia obscura* | adult male | 227974 | HYDCA175 | BOLD:ADY7060 | OM237876 |  |  | 11-Aug-2016 | 65.90613 | 13.43203 |
| *Lebertia obscura* | adult male | 227975 | HYDCA180 | BOLD:ACT5154 | OM237871 |  |  | 09-Aug-2016 | 66.06741 | 13.41603 |
| *Lebertia obscura* | adult male | 227990 | HYDCA199 | BOLD:AAM5138 | OM237877 | OM238028 | OM237978 | 26-Jul-2018 | 63.24614 | 09.67573 |
| *Lebertia obscura* | adult male | 227966 | HYDCA236 | BOLD:ADY7060 | OM237920 | OM238045 | OM237996 | 26-Aug-2019 | 58.26845 | 08.16259 |
| *Lebertia obscura* | adult female | 227967 | HYDCA237 | BOLD:ADY7060 | OM237915 | OM238042 | OM237993 | 26-Aug-2019 | 58.2684 | 08.16259 |
| *Lebertia obscura* | adult male | 227965 | HYDCA278 | BOLD:AAM5138 | OM237873 |  |  | 26-Aug-2019 | 58.26845 | 08.16259 |
| *Lebertia obscura* | adult male | 227955 | HYDCA326 | BOLD:AAM5138 | OM237862 | OM238021 | OM237971 | 20-Aug-2019 | 59.04808 | 08.70406 |
| *Lebertia obscura* | adult male | 227956 | HYDCA327 | BOLD:AAM5138 | OM237893 |  |  | 20-Aug-2019 | 59.04808 | 08.70406 |
| *Lebertia obscura* | adult female | 227952 | HYDCA335 | BOLD:AAM5138 | OM237910 | OM238039 | OM237990 | 19-Aug-2019 | 59.03855 | 09.28759 |
| *Lebertia obscura* | adult male | 227953 | HYDCA367 | BOLD:AAM5138 | OM237955 |  |  | 17-Jun-2020 | 59.03855 | 09.28759 |
| *Lebertia obscura* | adult female | 227954 | HYDCA368 | BOLD:AAM5138 | OM237850 |  |  | 17-Jun-2020 | 59.03855 | 09.28759 |
| *Lebertia obscura* | deutonymphe | 227943 | HYDCA42 | BOLD:ACT5154 | OM237964 | OM238061 | OM238014 | 10-Jun-2013 | 66.048 | 13.387 |
| *Lebertia obscura* | adult male | 227961 | HYDCA442 | BOLD:ACT5154 | OM237848 |  |  | 24-Aug-2019 | 58.40630 | 06.62017 |
| *Lebertia obscura* | adult female | 227962 | HYDCA443 | BOLD:ACT5154 | OM237963 |  |  | 24-Aug-2019 | 58.40630 | 06.62017 |
| *Lebertia obscura* | adult female | 227957 | HYDCA450 | BOLD:AAM5138 | OM237870 | OM238026 | OM237976 | 20-Aug-2019 | 59.04808 | 8.70406 |
| *Lebertia obscura* | adult male | 227958 | HYDCA451 | BOLD:AAM5138 | OM237902 | OM238036 | OM237986 | 20-Aug-2019 | 59.04808 | 8.70406 |
| *Lebertia obscura* | adult female | 227971 | HYDCA464 | BOLD:ADY7060 | OM237945 | OM238053 | OM238005 | 25-Jun-2020 | 58.10366 | 06.69373 |
| *Lebertia obscura* | adult male | 227968 | HYDCA564 | BOLD:ADY7060 | OM237951 |  |  | 21-Jun-2020 | 58.15623 | 07.82584 |
| *Lebertia obscura* | adult female | 227969 | HYDCA565 | BOLD:ADY7060 | OM237906 |  |  | 21-Jun-2020 | 58.15623 | 07.82584 |
| *Lebertia obscura* | adult female | 227970 | HYDCA567 | BOLD:ADY7060 | OM237869 |  |  | 22-Jun-2020 | 58.20626 | 08.23249 |
| *Lebertia obscura* | adult female | 227973 | HYDCA571 | BOLD:ACT5154 | OM237851 |  |  | 25-Jun-2020 | 58.09846 | 06.69490 |
| *Lebertia obscura* | adult female | 227946 | HYDCA6 |  | OM237896 | OM238032 | OM237982 | 13-Aug-2014 | 65.907 | 13.361 |
| *Lebertia obscura* | adult female | 227945 | HYDCA78 | BOLD:ACT5154 | OM237908 |  | OM237989 | 11-Aug-2014 | 66.052 | 13.364 |
| *Lebertia obscura* | adult female | 227947 | HYDCA9 | BOLD:ACT5154 | OM237890 |  |  | 13-Aug-2014 | 65.907 | 13.361 |
| *Lebertia obscura* | adult female | 227948 | HYDCA90 | BOLD:AAM5138 | OM237922 |  |  | 13-Aug-2014 | 65.907 | 13.361 |
| *Lebertia obscura* | adult female | 227949 | HYDCA91 | BOLD:ACT5154 | OM237874 |  |  | 13-Aug-2014 | 65.907 | 13.361 |
| *Lebertia obscura* | adult male | 227950 | HYDCA93 | BOLD:ACT5154 | OM237907 | OM238038 | OM237988 | 13-Aug-2014 | 65.907 | 13.361 |
| *Lebertia porosa* | adult male | 228048 | HYDCA165 | BOLD:ACQ9049 | OM237895 | OM238031 | OM237981 | 30-Aug-2018 | 63.41707 | 11.73635 |
| *Lebertia porosa* | adult male | 228050 | HYDCA216 | BOLD:ACQ9049 | OM237921 | OM238046 | OM237997 | 14-Sep-2016 | 62.89968 | 07.42313 |
| *Lebertia porosa* | adult female | 228001 | HYDCA270 | BOLD:ACQ9049 | OM237952 | OM238057 | OM238009 | 27-Aug-2019 | 58.16324 | 08.10116 |
| *Lebertia porosa* | adult male | 228002 | HYDCA275 | BOLD:ACQ9049 | OM237956 |  | OM238010 | 27-Aug-2019 | 58.11431 | 07.95185 |
| *Lebertia porosa* | adult female | 228003 | HYDCA276 | BOLD:ACQ9049 | OM237930 | OM238047 | OM237998 | 27-Aug-2019 | 58.11431 | 07.95185 |
| *Lebertia porosa* | adult male | 228005 | HYDCA286 | BOLD:ACQ9049 | OM237858 | OM238019 | OM237969 | 30-Aug-2019 | 58.08952 | 07.83998 |
| *Lebertia porosa* | adult male | 228020 | HYDCA294 | BOLD:ACQ9049 | OM237925 |  |  | 30-Aug-2019 | 58.09047 | 07.83637 |
| *Lebertia porosa* | adult female | 228021 | HYDCA295 | BOLD:ACQ9049 | OM237863 |  |  | 30-Aug-2019 | 58.09047 | 07.83637 |
| *Lebertia porosa* | adult male | 228004 | HYDCA312 | BOLD:ACQ9049 | OM237954 |  |  | 28-Aug-2019 | 58.52377 | 08.67591 |
| *Lebertia porosa* | adult female | 228029 | HYDCA340 | BOLD:ACQ9049 | OM237879 |  |  | 02-Sep-2019 | 58.16420 | 08.00735 |
| *Lebertia porosa* | adult male | 227992 | HYDCA369 | BOLD:ACQ9049 | OM237905 |  |  | 17-Jun-2020 | 59.03875 | 09.28733 |
| *Lebertia porosa* | adult female | 227993 | HYDCA370 | BOLD:ACQ9049 | OM237899 |  |  | 17-Jun-2020 | 59.03875 | 09.28733 |
| *Lebertia porosa* | adult male | 228008 | HYDCA425 | BOLD:ACQ9049 | OM237900 |  |  | 30-Aug-2019 | 58.15848 | 07.81138 |
| *Lebertia porosa* | adult female | 228009 | HYDCA426 | BOLD:ACQ9049 | OM237953 |  |  | 30-Aug-2019 | 58.15848 | 07.81138 |
| *Lebertia porosa* | adult male | 228022 | HYDCA430 | BOLD:ACQ9049 | OM237928 |  |  | 30-Aug-2019 | 58.09047 | 07.83637 |
| *Lebertia porosa* | adult female | 228023 | HYDCA431 | BOLD:ACQ9049 | OM237884 |  |  | 30-Aug-2019 | 58.09047 | 07.83637 |
| *Lebertia porosa* | adult female | 228015 | HYDCA435 | BOLD:ACQ9049 | OM237940 |  |  | 30-Aug-2019 | 58.09047 | 07.83637 |
| *Lebertia porosa* | adult male | 228032 | HYDCA436 | BOLD:ACQ9049 | OM237882 |  |  | 25-Jun-2020 | 58.10366 | 06.69373 |
| *Lebertia porosa* | adult female | 228033 | HYDCA437 | BOLD:ACQ9049 | OM237861 |  |  | 25-Jun-2020 | 58.10366 | 06.69373 |
| *Lebertia porosa* | adult male | 228034 | HYDCA438 | BOLD:ACQ9049 | OM237926 |  |  | 25-Jun-2020 | 58.10366 | 06.69373 |
| *Lebertia porosa* | adult female | 228035 | HYDCA439 | BOLD:ACQ9049 | OM237923 |  |  | 25-Jun-2020 | 58.10366 | 06.69373 |
| *Lebertia porosa* | adult female | 228010 | HYDCA452 | BOLD:ACQ9049 | OM237919 | OM238044 | OM237995 | 30-Aug-2019 | 58.15848 | 07.81138 |
| *Lebertia porosa* | adult female | 228044 | HYDCA456 | BOLD:ACQ9049 | OM237898 | OM238034 | OM237984 | 03-Jul-2020 | 63.46310 | 11.08530 |
| *Lebertia porosa* | adult female | 228024 | HYDCA458 | BOLD:ACQ9049 | OM237933 | OM238049 | OM238000 | 30-Aug-2019 | 58.09047 | 07.83637 |
| *Lebertia porosa* | adult male | 228025 | HYDCA459 | BOLD:ACQ9049 | OM237959 | OM238059 | OM238012 | 30-Aug-2019 | 58.09047 | 07.83637 |
| *Lebertia porosa* | adult female | 228016 | HYDCA460 | BOLD:ACQ9049 | OM237854 | OM238016 | OM237966 | 30-Aug-2019 | 58.09047 | 07.83637 |
| *Lebertia porosa* | adult male | 228017 | HYDCA461 | BOLD:ACQ9049 | OM237864 | OM238022 | OM237972 | 30-Aug-2019 | 58.09047 | 07.83637 |
| *Lebertia porosa* | adult male | 228036 | HYDCA465 | BOLD:ACQ9049 | OM237872 | OM238027 | OM237977 | 25-Jun-2020 | 58.10366 | 06.69373 |
| *Lebertia porosa* | adult female | 228037 | HYDCA466 | BOLD:ACQ9049 | OM237904 | OM238037 | OM237987 | 25-Jun-2020 | 58.10366 | 06.69373 |
| *Lebertia porosa* | adult female | 228046 | HYDCA537 | BOLD:ACQ9049 | OM237866 |  |  | 26-Apr-2016 | 63.46251 | 11.09256 |
| *Lebertia porosa* | adult female | 228047 | HYDCA538 | BOLD:ACQ9049 | OM237888 |  |  | 26-Apr-2016 | 63.44283 | 11.62808 |
| *Lebertia porosa* | adult male | 227997 | HYDCA556 | BOLD:ACQ9049 | OM237927 |  |  | 24-Aug-2016 | 58.35775 | 06.62518 |
| *Lebertia porosa* | adult male | 228028 | HYDCA560 | BOLD:ACQ9049 | OM237914 |  |  | 02-Sep-2019 | 58.16920 | 08.00007 |
| *Lebertia porosa* | adult female | 228031 | HYDCA566 | BOLD:ACQ9049 | OM237917 |  |  | 22-Jun-2020 | 58.20614 | 08.23545 |
| *Lebertia porosa* | adult male | 227972 | HYDCA568 | BOLD:ACQ9049 | OM237936 |  |  | 25-Jun-2020 | 58.10366 | 06.69373 |
| *Lebertia porosa* | adult male | 228043 | HYDCA570 | BOLD:ACQ9049 | OM237891 |  |  | 25-Jun-2020 | 58.09846 | 06.69490 |
| *Lebertia porosa* | adult female | 228045 | HYDCA572 | BOLD:ACQ9049 | OM237881 |  |  | 03-Jul-2020 | 63.46305 | 11.08623 |
| Lebertia porosa aggr. sp. A | adult male | 227807 | HYDCA250 | BOLD:ACP5319 | OM237943 |  | OM238004 | 27-Aug-2019 | 58.16324 | 08.10116 |
| Lebertia porosa aggr. sp. A | adult female | 227808 | HYDCA251 | BOLD:ACP5319 | OM237913 | OM238041 | OM237992 | 27-Aug-2019 | 58.16324 | 08.10116 |
| Lebertia porosa aggr. sp. A | adult female | 227804 | HYDCA258 | BOLD:ACP5319 | OM237939 | OM238051 | OM238002 | 25-Aug-2019 | 58.36517 | 06.85985 |
| Lebertia porosa aggr. sp. A | adult male | 227805 | HYDCA269 | BOLD:ACP5319 | OM237958 | OM238058 | OM238011 | 27-Aug-2019 | 58.16324 | 08.10116 |
| Lebertia porosa aggr. sp. A | adult male | 227800 | HYDCA30 | BOLD:ACP5319 | OM237960 |  |  | 11-Aug-2014 | 66.033 | 13.317 |
| Lebertia porosa aggr. sp. A | adult male | 227815 | HYDCA413 | BOLD:ACP5319 | OM237916 |  |  | 03-Jul-2020 | 63.46608 | 11.10321 |
| Lebertia porosa aggr. sp. A | adult female | 227816 | HYDCA414 | BOLD:ACP5319 | OM237889 |  |  | 03-Jul-2020 | 63.46608 | 11.10321 |
| Lebertia porosa aggr. sp. A | adult female | 227817 | HYDCA415 | BOLD:ACP5319 | OM237962 |  |  | 03-Jul-2020 | 63.46608 | 11.10321 |
| Lebertia porosa aggr. sp. A | adult female | 227809 | HYDCA427 | BOLD:ACP5319 | OM237886 |  |  | 27-Aug-2019 | 58.16324 | 08.10116 |
| Lebertia porosa aggr. sp. A | adult male | 227806 | HYDCA428 | BOLD:ACP5319 | OM237856 |  |  | 27-Aug-2019 | 58.16324 | 08.10116 |
| Lebertia porosa aggr. sp. A | adult female | 227802 | HYDCA440 | BOLD:ACP5319 | OM237944 |  |  | 21-Aug-2019 | 59.00743 | 08.55343 |
| Lebertia porosa aggr. sp. A | adult female | 227803 | HYDCA441 | BOLD:ACP5319 | OM237894 |  |  | 21-Aug-2019 | 59.00743 | 08.55343 |
| Lebertia porosa aggr. sp. A | adult female | 227810 | HYDCA448 | BOLD:ACP5319 | OM237901 | OM238035 | OM237985 | 27-Aug-2019 | 58.16324 | 08.10116 |
| Lebertia porosa aggr. sp. A | adult male | 227811 | HYDCA449 | BOLD:ACP5319 | OM237868 | OM238025 | OM237975 | 27-Aug-2019 | 58.16324 | 08.10116 |
| Lebertia porosa aggr. sp. A | adult female | 227819 | HYDCA544 | BOLD:ACP5319 | OM237929 |  |  | 08-Aug-2016 | 66.01103 | 13.27527 |
| Lebertia porosa aggr. sp. A | adult female | 227846 | HYDCA554 | BOLD:ACP5319 | OM237937 |  |  | 12-Sep-2016 | 69.17014 | 20.74697 |
| Lebertia porosa aggr. sp. A | adult male | 227812 | HYDCA561 | BOLD:ACP5319 | OM237931 |  |  | 23-Jun-2020 | 58.16920 | 08.00007 |
| Lebertia porosa aggr. sp. A | adult male | 227813 | HYDCA562 | BOLD:ACP5319 | OM237853 |  |  | 19-Jun-2020 | 58.59720 | 08.71809 |
| Lebertia porosa aggr. sp. A | adult female | 227814 | HYDCA563 | BOLD:ACP5319 | OM237942 |  |  | 19-Jun-2020 | 58.59720 | 08.71809 |
| Lebertia porosa aggr. sp. A | adult male | 227818 | HYDCA573 | BOLD:ACP5319 | OM237852 |  |  | 03-Jul-2020 | 63.46305 | 11.08623 |
| Lebertia porosa aggr. sp. B | adult female | 227828 | HYDCA227 | BOLD:ACS9706 | OM237860 | OM238020 | OM237970 | 26-Jun-2017 | 63.07638 | 10.82113 |
| Lebertia porosa aggr. sp. B | adult female | 227829 | HYDCA551 | BOLD:ACS9706 | OM237949 |  |  | 26-Jul-2018 | 63.30147 | 09.79980 |
| Lebertia porosa aggr. sp. D | adult female | 227834 | HYDCA10 | BOLD:ACR5646 | OM237947 | OM238054 | OM238006 | 13-Aug-2014 | 65.907 | 13.361 |
| Lebertia porosa aggr. sp. D | adult female | 227831 | HYDCA19 | BOLD:ACR5646 | OM237911 |  |  | 11-Aug-2014 | 66.052 | 13.364 |
| Lebertia porosa aggr. sp. D | adult male | 227836 | HYDCA546 | BOLD:ACR5646 | OM237883 |  |  | 26-Jun-2017 | 63.09435 | 10.78832 |
| Lebertia porosa aggr. sp. D | adult female | 227837 | HYDCA547 | BOLD:ACR5646 | OM237924 |  |  | 26-Jun-2017 | 63.09435 | 10.78832 |
| Lebertia porosa aggr. sp. D | deutonymph | 227830 | HYDCA56 | BOLD:ACR5646 | OM237892 |  |  | 10-Jun-2013 | 66.048 | 13.387 |
| Lebertia porosa aggr. sp. D | adult  | 227832 | HYDCA75 | BOLD:ACR5646 | OM237961 | OM238060 | OM238013 | 11-Aug-2014 | 66.052 | 13.364 |
| Lebertia porosa aggr. sp. D | adult  | 227833 | HYDCA77 | BOLD:ACR5646 | OM237865 | OM238023 | OM237973 | 11-Aug-2014 | 66.052 | 13.364 |
| Lebertia porosa aggr. sp. E | adult male | 227840 | HYDCA155 | BOLD:AAM5140 | OM237932 | OM238048 | OM237999 | 21-Sep-2016 | 63.41826 | 10.31228 |
| Lebertia porosa aggr. sp. E | adult female | 227841 | HYDCA162 | BOLD:AAM5140 | OM237855 | OM238017 | OM237967 | 26-Apr-2016 | 63.44283 | 11.62808 |
| Lebertia porosa aggr. sp. E | deutonymph | 227842 | HYDCA541 | BOLD:AAM5140 | OM237903 |  |  | 30-Aug-2018 | 63.42832 | 11.71137 |
| Lebertia porosa aggr. sp. E | adult male | 227843 | HYDCA552 | BOLD:AAM5140 | OM237859 |  |  | 14-Sep-2016 | 62.89278 | 07.37926 |
| Lebertia porosa aggr. sp. E | adult female | 227844 | HYDCA553 | BOLD:AAM5140 | OM237885 |  |  | 24-Aug-2016 | 69.29167 | 20.42249 |
| Lebertia porosa aggr. sp. E | adult male | 227839 | HYDCA80 | BOLD:AAM5140 | OM237909 |  |  | 13-Aug-2014 | 65.906 | 13.432 |