```
00          NAME NOT FOUND
 LOW    5 2063 780427                                                    IN    6 SAMPLES
 MID    1 2063 780427
07          BACILLARIOPHYTA
 LOW    2 1012 741014    2 1012 750428    3 1012 750707    5 2063 790127  IN   12 SAMPLES
0701        BACILLARIOPHYCEAE
 LOW    1 2063 781019                                                    IN    1 SAMPLES
0703        BACILLARIOPHYCEAE PENNALES
 LOW    3 2016 760517    4 2016 760727    1 2016 761123    8 2016 770504  IN   41 SAMPLES
 LOW    5 2050 770407
 MID    2 2016 760517    1 2016 760727    1 2016 761123    2 2016 770504    1 2016 7707
070301      DIATOMACEAE
 LOW    4 2063 770408    4 2063 770630                                    IN   12 SAMPLES
 MID    0 2063 770408    4 2063 770630
0730        NAME NOT FOUND
 LOW    5 1012 760115                                                    IN    9 SAMPLES
 MID    4 1012 760115
08          CHLOROPHYTA
 LOW    1 2016 770117                                                    IN    1 SAMPLES
0801        CHLOROPHYCEAE
 LOW    2 1012 741014    0 2063 781019                                   IN    3 SAMPLES
 MID    0 1012 741014    1 2063 781019
08030202    CODIOLUM
 LOW    1 1012 750707                                                    IN    1 SAMPLES
08050102    ULOTHRIX
 LOW    1 1012 750707    0 2016 760517    2 2016 770504    0 2063 780622  IN   10 SAMPLES
 MID    0 1012 750707    1 2016 760517    5 2016 770504    1 2063 780622
08050201    MONOSTROMA
 LOW    1 1012 741014    1 1012 741212    2 1012 750428   10 1012 750707    5 1012 75080  IN   70 SAMPLES
 LOW    5 1012 760709    2 1012 760807    1 2016 760727    1 2016 770117    4 2016 77050
 LOW    5 2050 770407    6 2063 770630    2 2063 780108    0 2063 780427    3 2063 78062
 MID    0 1012 741014    0 1012 741212    0 1012 750428    0 1012 750707    0 1012 75080
 MID    0 1012 760709    0 1012 760807    0 2016 760727    0 2016 770117    0 2016 77050
 MID    0 2050 770407    3 2063 770630    1 2063 780108    2 2063 780427    2 2063 78062
 HI     0 1012 741014    0 1012 741212    0 1012 750428    0 1012 750707    0 1012 75080
 HI     0 2050 770407    0 2063 770630    0 2063 780108    0 2063 780427    1 2063 78062
0805020102 MONOSTROMA OXYSPERMUM
 LOW    2 2063 770630                                                    IN    2 SAMPLES
0805020105 MONOSTROMA FUSCUM
 LOW    4 1012 741014    2 1012 750223    1 2050 770407    8 2063 770408  IN   78 SAMPLES  13 2063 770630
 LOW    1 2063 781019    6 2063 790127
 MID    1 1012 741014    0 1012 750223    0 2050 770407    0 2063 770408    2 2063 770630
 MID    0 2063 781019    2 2063 790127
 HI     0 1012 741014    0 1012 750223    0 2050 770407    0 2063 770408    0 2063 770630
0805020108 MONOSTROMA ZOSTERICOLA
 LOW    4 2063 770630                                                    IN    4 SAMPLES
080503      ULVACEAE
 MID    1 2050 760709                                                    IN    1 SAMPLES
0805030101 BLIDINGIA MINIMA
 LOW    1 2016 760517                                                    IN    2 SAMPLES
 MID    1 2016 760517
08050303    ENTEROMORPHA
 LOW    1 1012 750707    0 2016 760727    1 2016 771113    6 2063 770630  IN   12 SAMPLES
 MID    1 1012 750707    3 2016 760727    0 2016 771113    0 2063 770630
0805030306 ENTEROMORPHA LINZA
 LOW    6 1012 741014    1 1012 750428    8 1012 750707    7 1012 750805    3 1012 760514  IN  216 SAMPLES
 LOW    6 2016 760727    1 2016 761123    7 2016 770504   13 2016 770728    0 2016 771113
 LOW    1 2063 770408   17 2063 770630    3 2063 771018    3 2063 780427   27 2063 780622
 MID    0 1012 741014    0 1012 750428    1 1012 750707    0 1012 750805    2 1012 760514
 MID    6 2016 760727    1 2016 761123    2 2016 770504   19 2016 770728    4 2016 771113
 MID    0 2063 770408    6 2063 770630    2 2063 771018    0 2063 780427   31 2063 780622
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        IN   6 SAMPLES

        IN  12 SAMPLES
 5 2063 790127
        IN   1 SAMPLES

        IN  41 SAMPLES
 8 2016 770504   9 2016 770728   1 2016 771113   1 2050 760709   1 2050 770106
 2 2016 770504   1 20.6 770728   1 2016 771113   0 2050 760709   0 2050 770106
        IN  12 SAMPLES

        IN   9 SAMPLES

        IN   1 SAMPLES

        IN   3 SAMPLES

        IN   1 SAMPLES

        IN  10 SAMPLES
 0 2063 780622
 1 2063 780622
        IN  70 SAMPLES
10 1012 750707   5 1012 750805   2 1012 751105   2 1012 760115   2 1012 760514
 1 2016 770117   4 2016 770504   0 2016 770728   0 2050 760709   1 2050 770106
 0 2063 780427   3 2063 780622
 0 1012 750707   0 1012 750805   0 1012 751105   0 1012 760115   2 1012 760514
 0 2016 770117   0 2016 770504   2 2016 770728   1 2050 760709   0 2050 770106
 2 2063 780427   2 2063 780622
 0 1012 750707   0 1012 750805   0 1012 751105   0 1012 760115   1 1012 760514
 0 2063 780427   1 2063 780622
        IN   2 SAMPLES

        IN  78 SAMPLES
8 2063 770408  13 2063 770630  16 2063 771018   1 2063 780427   9 2063 780622
0 2063 770408   2 2063 770630   3 2063 771018   1 2063 780427   6 2063 780622
0 2063 770408   0 2063 770630   0 2063 771018   0 2063 780427   2 2063 780622
        IN   4 SAMPLES

        IN   1 SAMPLES

        IN   2 SAMPLES

        IN  12 SAMPLES
2063 770630
2063 770630
        IN 216 SAMPLES
1012 750805   3 1012 760514  10 1012 760709   3 1012 760807   2 2016 760517
2016 770728   0 2016 771113   0 2050 760419   2 2050 760709   2 2050 770407
2063 780427  27 2063 780622  10 2063 781019
1012 750805   2 1012 760514   1 1012 760709   0 1012 760807   1 2016 760517
2016 770728   4 2016 771113   1 2050 760419   2 2050 760709   0 2050 770407
2063 780427  31 2063 780622   0 2063 781019
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 HI    1 1012 741014    0 1012 750428    0 1012 750707    1 1012 750805    0 1012 76
 HI    0 2016 760727    0 2016 761123    0 2016 770504    0 2016 770728    0 2016 77
 HI    0 2063 770408    0 2063 770630    0 2063 771018    0 2063 780427    1 2063 78
0805030317 ENTEROMORPHA INTESTINALIS
 LOW   1 1012 741014    6 1012 750707    3 1012 750805    0 2016 760727   10 2016 77
 MID   0 1012 741014    0 1012 750707    1 1012 750805    1 2016 760727    0 2016 77
0805030319 ENTEROMORPHA FLEXUOSA
 LOW   1 2016 770728
0805030399 NAME NOT FOUND
 LOW   1 2016 760727
08050305   ULVA    (CHLOROPHYCEAE)
 LOW   2 1012 741014    2 1012 741212    0 1012 750223    4 1012 750428   10 1012 75
 LOW   1 1012 760514   10 1012 760709    3 1012 760807    4 2016 760517    6 2016 76
 LOW  24 2016 770728   12 2016 771113    0 2050 760419    5 2050 760709    4 2050 76
 LOW  14 2063 771018    5 2063 780108    9 2063 780427   24 2063 780622   14 2063 78
 MID   0 1012 741014    0 1012 741212    1 1012 750223    0 1012 750428    0 1012 75
 MID   1 1012 760514    6 1012 760709    0 1012 760807    1 2016 760517    4 2016 76
 MID  21 2016 770728   18 2016 771113    1 2050 760419    4 2050 760709    0 2050 76
 MID   4 2063 771018    0 2063 780108    0 2063 780427    6 2063 780622    2 2063 78
 HI    1 1012 760514    2 1012 760709    0 1012 760807    0 2016 760517    0 2016 76
 HI    0 2016 770728    0 2016 771113    0 2050 760419    3 2050 760709    0 2050 76
0805030501 ULVA FENESTRATA
 LOW   1 2016 760727    2 2050 760709   14 2063 770630    8 2063 771018    2 2063 78
 MID   1 2016 760727    0 2050 760709    3 2063 770630    2 2063 771018    0 2063 78
0805030502 ULVA RIGIDA
 LOW   1 1012 741014   13 2063 790127
 MID   0 1012 741014    2 2063 790127
0805030503 ULVA LACTUCA
 LOW   1 2063 770408   15 2063 770630    1 2063 780427
 MID   0 2063 770408    1 2063 770630    0 2063 780427
0805030504 ULVA VEXATA
 MID   2 2063 770630
0805030505 ULVA LOBATA
 LOW   3 2063 770408
0805030506 ULVA EXPANSA
 LOW   1 1012 741014
 MID   1 1012 741014
08050308   NAME NOT FOUND
 MID   3 2016 760727
08070102   SPONGOMORPHA
 LOW   1 1012 750428    3 1012 750707    3 1012 760514    2 1012 760709    1 2016 7607
 LOW   0 2016 770728    4 2063 770630
 MID   0 1012 750428    0 1012 750707    3 1012 760514    0 1012 760709    2 2016 7607
 MID   2 2016 770728    0 2063 770630
0807010202 SPONGOMORPHA COALITA
 LOW   4 2016 760517    6 2016 760727    6 2016 770504    0 2016 770728    0 2050 7604
 MID   2 2016 760517    5 2016 760727    0 2016 770504    1 2016 770728    1 2050 7604
 HI    0 2016 760517    0 2016 760727    0 2016 770504    0 2016 770728    0 2050 7604
0807010205 SPONGOMORPHA MERTENSII
 LOW  14 2063 780622    3 2063 781019
 MID  15 2063 780622    0 2063 781019
 HI    1 2063 780622    0 2063 781019
0807010207 SPONGOMORPHA SPINESCENS
 LOW   3 2016 760727    0 2016 761123    1 2016 770504    6 2016 770728    1 2050 7607
 MID   0 2016 760727    1 2016 761123    0 2016 770504    0 2016 770728    0 2050 7607
08070103   UROSPORA
 MID   3 2016 760727    3 2016 770504    1 2016 770728    1 2050 760709
0807010302 UROSPORA MIRABILIS
 LOW   2 2016 760517
080801     CLADOPHORACEAE
 LOW   0 2016 770504    1 2016 770728    1 2050 770407
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 MID   1 2016 770504   0 2016 770728   0 2050 770407
08080102   CLADOPHORA
 LOW   0 1012 741014   2 1012 750428   0 1012 750707   1 2016 760517   1 2016 7
 LOW   1 2050 761124                                                    IN  11 SAMPLES
 MID   1 1012 741014   0 1012 750428   1 1012 750707   0 2016 760517   1 2016 7
08080103   RHIZOCLONIUM
 LOW   1 2050 770106                                                    IN   1 SAMPLES
0808010302 RHIZOCLONIUM RIPARIUM
 LOW   1 2016 760517                                                    IN   1 SAMPLES
0809030201 HALICYSTIS OVALIS
 LOW   1 2063 770408                                                    IN   1 SAMPLES
120710     NAME NOT FOUND
 LOW   2 1012 741014                                                    IN   2 SAMPLES
15         PHAEOPHYTA
 LOW   1 1012 750428   0 2016 761123   2 2050 770407                    IN   4 SAMPLES
 MID   0 1012 750428   1 2016 761123   0 2050 770407
1500010202 NAME NOT FOUND
 LOW   2 2050 760709                                                    IN   2 SAMPLES
150201     ECTOCARPACEAE
 LOW   1 2016 770504   2 2016 770728   1 2050 770106                    IN   4 SAMPLES
15020103   ECTOCARPUS
 LOW   1 2016 770504   1 2016 770728   1 2050 770407   0 2063 790127    IN   4 SAMPLES
 MID   0 2016 770504   0 2016 770728   0 2050 770407   1 2063 790127
1502010305 ECTOCARPUS SIMULANS
 LOW   1 2016 760517                                                    IN   1 SAMPLES
150202     RALFSIACEAE
 LOW   6 2050 770407                                                    IN   6 SAMPLES
1502050301 LEATHESIA DIFFORMIS
 LOW   1 2050 770407                                                    IN   1 SAMPLES
1502061202 ANALIPUS JAPONICUS
 LOW   0 2016 760517   2 2050 761124   4 2050 770407                    IN   7 SAMPLES
 MID   1 2016 760517   0 2050 761124   0 2050 770407
1504010201 SPHACELARIA RACEMOSA
 LOW   1 2016 760727   1 2016 761123   1 2050 760709   1 2050 770106   IN   7 SAMPLES
1504010202 SPHACELARIA SUBFUSCA                                                  3 2050 77
 LOW   1 2016 760727                                                    IN   1 SAMPLES
1504010204 SPHACELARIA NORRISII
 LOW   1 2050 761124                                                    IN   1 SAMPLES
1508       PHAEOPHYCEAE LAMINARIALES
 LOW   2 2016 770504   4 2016 770728   2 2016 771113   1 2050 770407    IN  22 SAMPLES
 MID   0 2016 770504   1 2016 770728   0 2016 771113   0 2050 770407   3 2063 79(
150802     LAMINARIACEAE                                                9 2063 79(
 LOW   1 2016 770117   1 2050 761124   5 2050 770106                    IN   7 SAMPLES
15080201   LAMINARIA
 LOW   1 1012 750428   1 1012 750707   1 1012 760115   1 1012 760709   IN  18 SAMPLES
 LOW   1 2063 770630   3 2063 780108   2 2063 780427                    4 2016 760
 MID   0 1012 750428   0 1012 750707   0 1012 760115   0 1012 760709
 MID   0 2063 770630   1 2063 780108   0 2063 780427                    0 2016 760
1508020102 LAMINARIA GROENLANDICA
 LOW   1 2016 770504   1 2016 771113   2 2063 780622   1 2063 790127    IN   6 SAMPLES
 MID   0 2016 770504   0 2016 771113   0 2063 780622   1 2063 790127
1508020104 LAMINARIA SACCHARINA
 LOW   1 2016 760727   2 2016 770504   4 2016 770728   0 2063 780108    13 SAMPLES
 MID   0 2016 760727   0 2016 770504   0 2016 770728   1 2063 780108   3 2063 780
1508020105 LAMINARIA SETCHELLII                                          0 2063 780
 LOW   3 2016 760517                                                    IN   3 SAMPLES
1508020107 LAMINARIA FARLOWII
 LOW   1 2016 771113                                                    IN   1 SAMPLES
1508020601 CYMATHERE TRIPLICATA
 LOW   1 2063 770408   3 2063 770630   0 2063 780108   5 2063 780427    IN  15 SAMPLES
 MID   0 2063 770408   1 2063 770630   1 2063 780108   0 2063 780427   4 2063 780
                                                                         0 2063 780
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407
                IN  11 SAMPLES
707    1 2016 760517    1 2016 760727    1 2016 770117    1 2016 770504    0 2050 760709

707    0 2016 760517    1 2016 760727    0 2016 770117    0 2016 770504    1 2050 760709
                IN   1 SAMPLES

                IN   1 SAMPLES

                IN   1 SAMPLES

                IN   2 SAMPLES

                IN   4 SAMPLES
107
107

                IN   2 SAMPLES

                IN   4 SAMPLES
06

                IN   4 SAMPLES
07    0 2063 790127
07    1 2063 790127
                IN   1 SAMPLES

                IN   6 SAMPLES

                IN   1 SAMPLES

                IN   7 SAMPLES
07
07

                IN   7 SAMPLES
09    1 2050 770106    3 2050 770407
                IN   1 SAMPLES

                IN   1 SAMPLES

                IN  22 SAMPLES
3     1 2050 770407    3 2063 790127
3     0 2050 770407    9 2063 790127
                IN   7 SAMPLES
6

                IN  18 SAMPLES
5     1 1012 760709    4 2016 760727    1 2016 761123    0 2050 770106    1 2063 770408
7
5     0 1012 760709    0 2016 760727    0 2016 761123    1 2050 770106    0 2063 770408
7
                IN   6 SAMPLES
2     1 2063 790127
2     1 2063 790127
                IN  13 SAMPLES
1     0 2063 780108    3 2063 780427    2 2063 780622
1     1 2063 780108    0 2063 780427    0 2063 780622
                IN   3 SAMPLES

                IN   1 SAMPLES

                IN  15 SAMPLES
      5 2063 780427    4 2063 780622
      0 2063 780427    0 2063 780622
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1508020701 HEDOPHYLLUM SESSILE
LOW 1 1012 760115 1 2016 760727 1 2016 770504 1 2050 770106 IN 4 SAMPLES
1508021101 PHAEOSTROPHION IRREGULARE
MID 1 2050 760419 IN 1 SAMPLES
1508030301 NEREOCYSTIS LUETKEANA
LOW 1 2050 770407 IN 1 SAMPLES
15080401 ALARIA
LOW 2 1012 750428 2 2016 760727 3 2016 761123 8 2016 770117 5 2016 77(
LOW 1 2050 770106 12 2050 770407 2 2063 770408 8 2063 770630 IN 56 SAMPLES
MID 0 1012 750428 0 2016 760727 0 2016 761123 0 2016 770117 0 2016 77(
1508040103 ALARIA MARGINATA
LOW 4 2016 760517 2 2016 770728 0 2050 760419 7 2063 770630 17 2063 78(
MID 1 2016 760517 0 2016 770728 1 2050 760419 0 2063 770630 8 2063 78(
15080402 PTERYGOPHORA
LOW 1 2063 780427 IN 1 SAMPLES
1508040201 PTERYGOPHORA CALIFORNICA
LOW 1 2063 780427 0 2063 790127 IN 3 SAMPLES
MID 0 2063 780427 2 2063 790127
1508040301 EGREGIA MENZIESII
LOW 4 2063 770630 10 2063 780108 1 2063 780427 4 2063 780622 2 2063 790 IN 22 SAMPLES
MID 0 2063 770630 0 2063 780108 0 2063 780427 1 2063 780622 0 2063 790
15090201 DESMARESTIA
LOW 1 2016 760727 1 2050 760709 1 2063 780427 IN 5 SAMPLES
MID 1 2016 760727 0 2050 760709 0 2063 780427
HI 0 2016 760727 0 2050 760709 1 2063 780427
1509020101 DESMARESTIA ACULEATA
LOW 0 1012 760514 3 2016 760517 6 2016 760727 3 2016 761123 2 2016 770! IN 32 SAMPLES
LOW 1 2063 780427 1 2063 780622
MID 3 1012 760514 0 2016 760517 4 2016 760727 3 2016 761123 1 2016 770!
MID 0 2063 780427 1 2063 780622
HI 1 1012 760514 0 2016 760517 0 2016 760727 0 2016 761123 0 2016 770!
1509020102 DESMARESTIA LIGULATA
LOW 0 2016 760517 3 2063 780622 IN 4 SAMPLES
MID 1 2016 760517 0 2063 780622
1509020103 DESMARESTIA VIRIDIS
LOW 1 1012 760709 10 2063 780622 IN 17 SAMPLES
MID 1 1012 760709 5 2063 780622
15100102 FUCUS
LOW 0 2016 760517 1 2016 760727 2 2050 761124 4 2050 770106 1 2050 7704(IN 14 SAMPLES
MID 2 2016 760517 1 2016 760727 0 2050 761124 0 2050 770106 0 2050 7704(
1510010202 FUCUS DISTICHUS
LOW 1 1012 741014 1 1012 750223 3 1012 750707 1 1012 751105 1 1012 76011 IN 80 SAMPLES
LOW 0 2016 760727 0 2016 761123 0 2016 770117 1 2016 770504 0 2016 77072
LOW 5 2050 770407 5 2063 770408 5 2063 770630 8 2063 771018 1 2063 78010
LOW 3 2063 790127
MID 0 1012 741014 0 1012 750223 0 1012 750707 0 1012 751105 0 1012 76011
MID 4 2016 760727 4 2016 761123 2 2016 770117 3 2016 770504 8 2016 77072
MID 0 2050 770407 0 2063 770408 0 2063 770630 0 2063 771018 1 2063 78010
MID 1 2063 790127
HI 0 2016 760727 0 2016 761123 0 2016 770117 0 2016 770504 0 2016 77072
1510030201 CYSTOSEIRA GEMINATA
LOW 0 1012 760115 7 2063 780622 IN 8 SAMPLES
HI 1 1012 760115 0 2063 780622
1512010201 PETALONIA FASCIA
LOW 1 2016 760517 0 2016 770728 0 2050 760419 1 2050 770407 IN 4 SAMPLES
MID 0 2016 760517 1 2016 770728 1 2050 760419 0 2050 770407
16 RHODOPHYTA
LOW 2 2016 770117 IN 2 SAMPLES
1601 RHODOPHYCEAE
LOW 3 1012 741014 2 2063 770630 1 2063 781019 7 2063 790127 IN 18 SAMPLES
MID 0 1012 741014 0 2063 770630 0 2063 781019 5 2063 790127

IN 4 SAMPLES
1 2050 770106
IN 1 SAMPLES

IN 1 SAMPLES

IN 56 SAMPLES
8 2016 770117 5 2016 770504 7 2016 770728 3 2016 771113 0 2016 780206
8 2063 770630
0 2016 770117 0 2016 770504 0 2016 770728 0 2016 771113 3 2016 780206
IN 72 SAMPLES
7 2063 770630 17 2063 780427 27 2063 780622 1 2063 781019 1 2063 790127
0 2063 770630 8 2063 780427 3 2063 780622 0 2063 781019 0 2063 790127
IN 1 SAMPLES

IN 3 SAMPLES

IN 22 SAMPLES
4 2063 780622 2 2063 790127
1 2063 780622 0 2063 790127
IN 5 SAMPLES

IN 32 SAMPLES
3 2016 761123 2 2016 770504 0 2050 760419 1 2050 770407 1 2063 771018
3 2016 761123 1 2016 770504 1 2050 760419 0 2050 770407 0 2063 771018
0 2016 761123 0 2016 770504 0 2050 760419 0 2050 770407 0 2063 771018
IN 4 SAMPLES

IN 17 SAMPLES

IN 14 SAMPLES
4 2050 770106 1 2050 770407 3 2063 770630
0 2050 770106 0 2050 770407 0 2063 770630
IN 80 SAMPLES
1 1012 751105 1 1012 760115 0 1012 760514 3 1012 760709 1 1012 760807
1 2016 770504 0 2016 770728 0 2016 771113 0 2016 780206 0 2050 760709
8 2063 771018 1 2063 780108 1 2063 780427 5 2063 780622 4 2063 781019
0 1012 751105 0 1012 760115 1 1012 760514 0 1012 760709 0 1012 760807
3 2016 770504 8 2016 770728 2 2016 771113 1 2016 780206 0 2050 760709
0 2063 771018 1 2063 780108 0 2063 780427 0 2063 780622 0 2063 781019
0 2016 770504 0 2016 770728 0 2016 771113 0 2016 780206 1 2050 760709
IN 8 SAMPLES

IN 4 SAMPLES
1 2050 770407
0 2050 770407
IN 2 SAMPLES

IN 18 SAMPLES
7 2063 790127
5 2063 790127

1605010304 ERYTHROTRICHIA PARKSII
LOW 1 2016 770504 IN 1 SAMPLES
1605010501 SMITHORA NAIADUM
LOW 11 2063 780622 IN 12 SAMPLES
MID 1 2063 780622
1605020102 BANGIA FUSCOPURPUREA
MID 4 2016 760727 IN 4 SAMPLES
16050202 PORPHYRA
LOW 1 1012 750428 2 1012 750707 1 1012 750805 1 1012 760115 1 1012 7
LOW 4 2016 770504 2 2016 770728 0 2016 780206 0 2050 760419 1 2050 7
LOW 14 2063 770630 2 2063 771018 2 2063 780108 3 2063 780427 5 2063 7
MID 0 1012 750428 0 1012 750707 0 1012 750805 0 1012 760115 0 1012 7
MID 0 2016 770504 13 2016 770728 1 2016 780206 1 2050 760419 6 2050 7
MID 2 2063 770630 2 2063 771018 0 2063 780108 5 2063 780427 6 2063 7
HI 0 2016 770504 0 2016 770728 0 2016 780206 0 2050 760419 2 2050 7
HI 0 2063 770630 0 2063 771018 0 2063 780108 0 2063 780427 3 2063 7
IN 108 SAMPLES
1605020202 PORPHYRA MINIATA
LOW 1 2016 770728 IN 1 SAMPLES
1605020209 PORPHYRA PERFORATA
LOW 11 2063 770630 IN 11 SAMPLES
1605020221 PORPHYRA SANJUANENSIS
MID 1 2063 780427 IN 1 SAMPLES
1605020229 PORPHYRA OCCIDENTALIS
LOW 1 2063 780427 IN 1 SAMPLES
16050203 PORPHYRELLA
LOW 2 2063 770630 IN 2 SAMPLES
16070101 ACROCHAETIUM
LOW 1 2016 760727 5 2016 770117 2 2016 770504 1 2016 770728 4 2016 77
MID 0 2016 760727 0 2016 770117 1 2016 770504 1 2016 770728 0 2016 77
IN 15 SAMPLES
16070104 RHODOCHORTON
LOW 0 2016 761123 11 2016 770728 2 2016 771113 0 2016 780206
MID 1 2016 761123 0 2016 770728 0 2016 771113 1 2016 780206
IN 15 SAMPLES
1607010402 RHODOCHORTON PURPUREUM
LOW 4 2016 760517
MID 1 2016 760517
IN 5 SAMPLES
1608010 NAME NOT FOUND
LOW 1 2016 771113 IN 1 SAMPLES
16080103 PETROCELIS
LOW 1 2016 760517 IN 1 SAMPLES
1608010302 PETROCELIS MIDDENDORFFII
LOW 1 2016 760727 1 2016 761123 1 2016 770728 0 2050 760709 3 2050 761
MID 0 2016 760727 0 2016 761123 0 2016 770728 1 2050 760709 0 2050 761
IN 14 SAMPLES
1608020101 NEOAGARDHIELLA BAILEYI
LOW 2 2063 770630 4 2063 771018 3 2063 780108 1 2063 780427 1 2063 780
MID 1 2063 770630 0 2063 771018 0 2063 780108 0 2063 780427 0 2063 780
IN 12 SAMPLES
1608020201 OPUNTIELLA CALIFORNICA
LOW 1 2063 780622 IN 1 SAMPLES
1608020301 SARCODIOTHECA FURCATA
LOW 1 2016 761123 2 2063 771018 0 2063 780622 IN 4 SAMPLES
MID 0 2016 761123 0 2063 771018 1 2063 780622
16080501 PLOCAMIUM (RHODOPHYTA)
LOW 1 1012 750223 0 1012 750428 1 1012 750707 1 1012 751105 1 1012 760
LOW 2 2063 771018 1 2063 780108
MID 0 1012 750223 1 1012 750428 0 1012 750707 0 1012 751105 0 1012 760
HI 1 1012 750223 0 1012 750428 0 1012 750707 0 1012 751105 0 1012 760
IN 16 SAMPLES
1608050101 PLOCAMIUM TENUE
LOW 2 1012 750223 1 1012 750428 0 1012 760514
MID 0 1012 750223 0 1012 750428 1 1012 760514
IN 4 SAMPLES
1608050102 PLOCAMIUM COCCINEUM
LOW 1 1012 750223 2 1012 750428 0 1012 760514 0 2050 760419 0 2050 760
LOW 1 2063 790127
IN 35 SAMPLES

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          IN   1 SAMPLES

          IN  12 SAMPLES


          IN   4 SAMPLES

          IN 108 SAMPLES
5   1 1012 760115   1 1012 760807   3 2016 760517   6 2016 760727   0 2016 761123
6   0 2050 760419   1 2050 760709   1 2050 770106   7 2050 770407   0 2063 770408
B   3 2063 780427   5 2063 780622
5   0 1012 760115   0 1012 760807   1 2016 760517   6 2016 760727   1 2016 761123
5   1 2050 760419   6 2050 760709   0 2050 770106   0 2050 770407   3 2063 770408
3   5 2063 780427   6 2063 780622
5   0 2050 760419   2 2050 760709   0 2050 770106   0 2050 770407   0 2063 770408
3   0 2063 780427   3 2063 780622
          IN   1 SAMPLES

          IN  11 SAMPLES

          IN   1 SAMPLES

          IN   1 SAMPLES

          IN   2 SAMPLES

          IN  15 SAMPLES
  1 2016 770728   4 2016 771113
  1 2016 770728   0 2016 771113
          IN  15 SAMPLES
  0 2016 780206
  1 2016 780206
          IN   5 SAMPLES


          IN   1 SAMPLES

          IN   1 SAMPLES

          IN  14 SAMPLES
  0 2050 760709   3 2050 761124   3 2050 770106   4 2050 770407
  1 2050 760709   0 2050 761124   0 2050 770106   0 2050 770407
          IN  12 SAMPLES
  1 2063 780427   1 2063 780622
  0 2063 780427   0 2063 780622
          IN   1 SAMPLES

          IN   4 SAMPLES


          IN  16 SAMPLES
  1 1012 751105   1 1012 760213   2 2050 760709   4 2050 770407   1 2063 770630

  0 1012 751105   0 1012 760213   0 2050 760709   0 2050 770407   0 2063 770630
  0 1012 751105   0 1012 760213   0 2050 760709   0 2050 770407   0 2063 770630
          IN   4 SAMPLES


          IN  35 SAMPLES
  0 2050 760419   0 2050 760709   5 2050 770407   1 2063 780427  14 2063 780622
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 MID   0 1012 750223   0 1012 750428   0 1012 760514   1 2050 760419   2 2050 7
 MID   1 2063 790127
 HI    0 1012 750223   0 1012 750428   1 1012 760514   0 2050 760419   2 2050 7
1608050103 PLOCAMIUM PACIFICUM                                          IN   1 SAMPLES
 MID   1 2063 770630
1608050104 PLOCAMIUM VIOLACIUM                                          IN   3 SAMPLES
 LOW   1 2063 770630   0 2063 771018
 MID   0 2063 770630   2 2063 771018
16080502   RHODOPHYLLIS/PLOCAMIOCOLAX                                   IN   1 SAMPLES
 LOW   1 2063 780622
16080701   GRACILARIA                                                   IN   2 SAMPLES
 LOW   2 2063 770630
1608070201 GRACILARIOPSIS SJOESTEDTII                                   IN   6 SAMPLES
 LOW   1 2063 770630   1 2063 780427   1 2063 780622
 MID   2 2063 770630   0 2063 780427   1 2063 780622
16080901   AHNFELTIA                                                    IN   9 SAMPLES
 LOW   0 1012 741014   2 1012 750428   1 1012 751105   0 1012 760709   2 2063 77
 MID   1 1012 741014   0 1012 750428   0 1012 751105   1 1012 760709   2 2063 77
1608090101 AHNFELTIA PLICATA                                            IN  46 SAMPLES
 LOW   3 1012 741014   1 1012 750223   2 1012 760709   3 2016 760517   3 2016 76
 LOW   1 2016 770728   1 2016 771113   1 2063 780427   5 2063 780622
 MID   0 1012 741014   1 1012 750223   0 1012 760709   1 2016 760517   3 2016 76
 MID   0 2016 770728   0 2016 771113   0 2063 780427   1 2063 780622
 HI    0 1012 741014   0 1012 750223   1 1012 760709   0 2016 760517   0 2016 76
1608090402 GYMNOGONGRUS LEPTOPHYLLUS                                    IN   2 SAMPLES
 MID   2 2016 760727
160810     GIGARTINACEAE                                                IN   8 SAMPLES
 LOW   0 2016 760727   0 2016 771113   1 2050 760709   2 2050 770407
 MID   1 2016 760727   4 2016 771113   0 2050 760709   0 2050 770407
16081002   GIGARTINA                                                    IN 223 SAMPLES
 LOW   9 1012 741014   1 1012 741212   6 1012 750223   7 1012 750428   7 1012 75
 LOW   3 1012 760213   3 1012 760514   9 1012 760709   3 1012 760807   2 2050 76
 LOW  10 2063 771018  22 2063 780108  14 2063 780427  34 2063 780622
 MID   0 1012 741014   0 1012 741212   1 1012 750223   1 1012 750428   0 1012 75
 MID   2 1012 760213   2 1012 760514   1 1012 760709   0 1012 760807   0 2050 76
 MID   6 2063 771018   0 2063 780108   5 2063 780427  14 2063 780622
 HI    0 1012 741014   0 1012 741212   0 1012 750223   0 1012 750428   0 1012 75
 HI    1 1012 760213   1 1012 760514   0 1012 760709   1 1012 760807   0 2050 76
1608100201 GIGARTINA EXASPERATA                                         IN   3 SAMPLES
 LOW   1 2063 770630
 MID   2 2063 770630
1608100203 GIGARTINA PAPILLATA                                          IN 273 SAMPLES
 LOW   4 2016 760517   5 2016 760727   4 2016 761123  14 2016 770117  11 2016 77
 LOW   4 2050 760709   3 2050 761124  17 2050 770106   6 2050 770407   8 2063 77
 LOW  13 2063 781019  38 2063 790127
 MID   4 2016 760517   8 2016 760727   4 2016 761123  11 2016 770117  13 2016 77
 MID   3 2050 760709   0 2050 761124   1 2050 770106   0 2050 770407   0 2063 77
 MID   8 2063 781019   5 2063 790127
 HI    1 2050 760709   0 2050 761124   0 2050 770106   0 2050 770407   1 2063 77
1608100205 GIGARTINA LATISSIMA                                          IN   2 SAMPLES
 LOW   1 1012 741212   0 2063 770630
 HI    0 1012 741212   1 2063 770630
1608100206 GIGARTINA STELLATA                                           IN   1 SAMPLES
 LOW   1 1012 750223
16081003   IRIDAEA                                                      IN 109 SAMPLES
 LOW   1 1012 750223   2 1012 750707   2 1012 760709   0 2016 760727  14 2016 770
 LOW   1 2050 761124   2 2050 770106   4 2050 770407  14 2063 770630   6 2063 771
 MID   0 1012 750223   0 1012 750707   0 1012 760709   3 2016 760727   0 2016 770
1608100301 IRIDAEA CORDATA                                              IN 131 SAMPLES
 LOW   2 2016 760517   6 2016 760727   4 2016 761123  10 2016 770117  17 2016 770
 LOW   1 2050 760709   1 2050 761124   2 2050 770106  10 2050 770407   5 2063 770
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 1 2050 760419   2 2050 760709   0 2050 770407   0 2063 780427   4 2063 780622

 0 2050 760419   2 2050 760709   0 2050 770407   0 2063 780427   0 2063 780622
        IN   1 SAMPLES

        IN   3 SAMPLES


        IN   1 SAMPLES

        IN   2 SAMPLES

        IN   6 SAMPLES


        IN   9 SAMPLES
 0 1012 760709   2 2063 771018
 1 1012 760709   2 2063 771018
        IN  46 SAMPLES
 3 2016 760517   3 2016 760727   3 2016 761123   7 2016 770117   4 2016 770504
 5 2063 780622
 1 2016 760517   3 2016 760727   2 2016 761123   0 2016 770117   3 2016 770504
 1 2063 780622
 0 2016 760517   0 2016 760727   0 2016 761123   0 2016 770117   0 2016 770504
        IN   2 SAMPLES

        IN   8 SAMPLES
 2 2050 770407
 0 2050 770407
        IN 223 SAMPLES
 7 1012 750428   7 1012 750707   7 1012 750805   5 1012 751105   6 1012 760115
 3 1012 760807   2 2050 760709   2 2050 770106   6 2063 770408  26 2063 770630
34 2063 780622
 1 1012 750428   0 1012 750707   0 1012 750805   2 1012 751105   0 1012 760115
 0 1012 760807   0 2050 760709   0 2050 770106   0 2063 770408   3 2063 770630
14 2063 780622
 0 1012 750428   0 1012 750707   0 1012 750805   0 1012 751105   1 1012 760115
 1 1012 760807   0 2050 760709   0 2050 770106   0 2063 770408   0 2063 770630
        IN   3 SAMPLES


        IN 273 SAMPLES
14 2016 770117  11 2016 770504  11 2016 770728   8 2016 771113   0 2016 780206
 6 2050 770407   8 2063 770630   7 2063 771018   2 2063 780108  10 2063 780622

11 2016 770117  13 2016 770504  21 2016 770728  10 2016 771113   9 2016 780206
 0 2050 770407   0 2063 770630   1 2063 771018   0 2063 780108   6 2063 780622

 0 2050 770407   1 2063 770630   0 2063 771018   0 2063 780108   1 2063 780622
        IN   2 SAMPLES


        IN   1 SAMPLES

        IN 109 SAMPLES
 0 2016 760727  14 2016 770117   5 2016 770504   1 2016 770728   2 2016 771113
14 2063 770630   6 2063 771018   1 2063 780108  37 2063 780622  13 2063 790127
 3 2016 760727   0 2016 770117   0 2016 770504   0 2016 770728   1 2016 771113
        IN 131 SAMPLES
10 2016 770117  17 2016 770504  19 2016 770728  17 2016 771113   0 2016 780206
10 2050 770407   5 2063 770408  25 2063 770630   5 2063 780427   2 2063 781019
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 MID   0 2016 760517   0 2016 760727   1 2016 761123   0 2016 770117   0 2016
 MID   0 2050 760709   0 2050 761124   0 2050 770106   0 2050 770407   0 2063
1608100304 IRIDAEA HETEROCARPA
                                                       IN  15 SAMPLES
 LOW   2 2016 760517   1 2016 760727   4 2016 770504   1 2016 770728   1 2016
 LOW   1 2063 780427
16081004   RHODOGLOSSUM
                                                       IN  35 SAMPLES
 LOW  10 2063 770630   9 2063 771018   8 2063 780108   1 2063 780427   6 2063
 MID   1 2063 770630   0 2063 771018   0 2063 780108   0 2063 780427   0 2063
1608100404 RHODOGLOSSUM ROSEUM
                                                       IN   8 SAMPLES
 LOW   2 2063 770630   3 2063 771018
 MID   2 2063 770630   1 2063 771018
1608120103 SCHIZYMENIA PACIFICA
                                                       IN   1 SAMPLES
 LOW   1 2063 780622
1609010301 PEYSSONELIA PACIFICA
                                                       IN  13 SAMPLES
 LOW  13 2016 770728
1609020101 DILSEA CALIFORNICA
                                                       IN   1 SAMPLES
 MID   1 2050 760419
1609020201 PIKEA CALIFORNICA
                                                       IN   1 SAMPLES
 LOW   1 2050 770407
1609020202 PIKEA ROBUSTA
                                                       IN   1 SAMPLES
 LOW   1 2063 780427
16090205   NEODILSEA
                                                       IN   1 SAMPLES
 LOW   1 2063 771018
1609020601 CRYPTOSIPHONIA WOODII
                                                       IN  23 SAMPLES
 LOW   3 1012 750428   3 1012 750707   1 1012 750805   1 1012 760213   1 1012
 LOW   1 2050 761124   2 2063 770408   1 2063 780427   2 2063 780622   1 2063
 MID   0 1012 750428   0 1012 750707   0 1012 750805   0 1012 760213   0 1012
1609050101 ENDOCLADIA MURICATA
                                                       IN  21 SAMPLES
 LOW   1 1012 741014   1 2016 760727   0 2016 770504   0 2063 770630   0 2063
 MID   0 1012 741014   0 2016 760727   1 2016 770504   5 2063 770630   7 2063
160907     CORALLINACEAE
                                                       IN  13 SAMPLES
 LOW   2 1012 750707   5 2063 770630   2 2063 771018   3 2063 780108
 MID   0 1012 750707   0 2063 770630   0 2063 771018   1 2063 780108
16090703   CORALLINA
                                                       IN  27 SAMPLES
 LOW   1 1012 760115   2 2063 770630   7 2063 780108  14 2063 780622
 MID   0 1012 760115   1 2063 770630   0 2063 780108   2 2063 780622
1609070301 CORALLINA VANCOUVERIENSIS
                                                       IN   4 SAMPLES
 LOW   1 2016 760727   1 2016 761123   0 2063 781019
 MID   0 2016 760727   0 2016 761123   2 2063 781019
1609070304 CORALLINA OFFICINALIS
                                                       IN   1 SAMPLES
 LOW   1 2063 770630
1609071303 CLATHROMORPHUM PARCUM
                                                       IN   1 SAMPLES
 HI    1 2050 770106
16090715   BOSSIELLA
                                                       IN  15 SAMPLES
 LOW   3 2063 770630   3 2063 780108   9 2063 780622
1609071501 BOSSIELLA CALIFORNICA
                                                       IN   1 SAMPLES
 LOW   1 2063 770408
1609071504 BOSSIELLA ORBIGNIANA
                                                       IN   2 SAMPLES
 LOW   2 2063 790127
16090715O5 BOSSIELLA PLUMOSA
                                                       IN   7 SAMPLES
 LOW   1 2016 760727   1 2050 760709   1 2050 770106   1 2063 780427
 MID   0 2016 760727   2 2050 760709   0 2050 770106   0 2063 780427
 HI    0 2016 760727   0 2050 760709   1 2050 770106   0 2063 780427
1609071701 CALLIARTHRON TUBERCULOSUM
                                                       IN  18 SAMPLES
 LOW   6 2050 760709   4 2050 770106
 MID   0 2050 760709   4 2050 770106
 HI    0 2050 760709   4 2050 770106
16090901   CRYPTONEMIA
                                                       IN   6 SAMPLES
 LOW   1 2050 770407   1 2063 771018   4 2063 780622
1609090102 CRYPTONEMIA OVALIFOLIA
                                                       IN   1 SAMPLES
 LOW   1 2063 780427
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 0 2016 770117    0 2016 770504    0 2016 770728    0 2016 771113    1 2016 780206
 0 2050 770407    0 2063 770408    0 2063 770630    0 2063 780427    3 2063 781019
        IN  15 SAMPLES
 1 2016 770728    1 2016 771113    2 2050 761124    2 2063 770408    1 2063 780108

        IN  35 SAMPLES
 1 2063 780427    6 2063 780622
 0 2063 780427    0 2063 780622
        IN   8 SAMPLES


        IN   1 SAMPLES

        IN  13 SAMPLES

        IN   1 SAMPLES

        IN   1 SAMPLES

        IN   1 SAMPLES

        IN   1 SAMPLES

        IN  23 SAMPLES
 1 1012 760213    1 1012 760709    2 2016 760517    1 2016 760727    2 2016 770504
 2 2063 780622    1 2063 790127
 0 1012 760213    0 1012 760709    0 2016 760517    1 2016 760727    1 2016 770504
        IN  21 SAMPLES
 0 2063 770630    0 2063 780108    0 2063 780622    2 2063 790127
 5 2063 770630    7 2063 780108    4 2063 780622    0 2063 790127
        IN  13 SAMPLES
 3 2063 780108
 1 2063 780108
        IN  27 SAMPLES
14 2063 780622
 2 2063 780622
        IN   4 SAMPLES


        IN   1 SAMPLES

        IN   1 SAMPLES

        IN  15 SAMPLES

        IN   1 SAMPLES

        IN   2 SAMPLES

        IN   7 SAMPLES
 1 2063 780427
 0 2063 780427
 0 2063 780427
        IN  18 SAMPLES


       IN   6 SAMPLES

       IN   1 SAMPLES
```

16090902 GRATELOUPIA
LOW 1 2063 780622 IN 1 SAMPLES

16090904 PRIONITIS
LOW 1 2016 771113 1 2063 771018 1 2063 780108 IN 3 SAMPLES

1609090401 PRIONITIS LANCEOLATA
LOW 1 2063 770630 4 2063 771018 IN 5 SAMPLES

1609090402 PRIONITIS LYALLII
LOW 1 2016 760517 1 2063 780622 IN 2 SAMPLES

16090905 HALYMENIA
LOW 1 2063 780622 IN 1 SAMPLES

1609090503 HALYMENIA SCHIZYMENIOIDES
LOW 6 2063 771018 8 2063 780108 IN 14 SAMPLES

16091002 CALLOPHYLLIS
LOW 1 2063 770630 0 2063 771018 0 2063 780108 1 2063 780622 IN 4 SAMPLES
MID 0 2063 770630 1 2063 771018 1 2063 780108 0 2063 780622

1609100203 CALLOPHYLLIS FLABELLULATA
LOW 1 2063 771018 1 2063 780108 2 2063 780622 IN 5 SAMPLES
MID 0 2063 771018 0 2063 780108 1 2063 780622

1609100206 CALLOPHYLLIS PINNATA
LOW 1 2016 760517 IN 1 SAMPLES

1609110101 CHOREOCOLAX POLYSIPHONIAE
LOW 1 2016 760727 1 2050 761124 1 2050 770106 12 2050 770407 IN 16 SAMPLES
MID 0 2016 760727 0 2050 761124 0 2050 770106 1 2050 770407

16100202 RHODYMENIA
LOW 3 2016 760727 3 2016 770117 4 2016 770504 3 2063 780622 IN 14 SAMPLES
MID 0 2016 760727 0 2016 770117 1 2016 770504 0 2063 780622

1610020202 RHODYMENIA PACIFICA
LOW 4 2016 770504 IN 4 SAMPLES

1610020203 RHODYMENIA PALMATA
LOW 2 2016 760517 4 2016 760727 4 2016 761123 4 2016 770117 6 2016 7 IN 58 SAMPLES
LOW 1 2063 780427 2 2063 790127
MID 0 2063 780427 1 2063 790127
HI 0 2016 760517 0 2016 760727 0 2016 761123 0 2016 770117 0 2016 7
HI 0 2063 780427 1 2063 790127

1610020204 RHODYMENIA PERTUSA
LOW 1 2016 760517 2 2063 770630 IN 3 SAMPLES

1610020205 RHODYMENIA STIPITATA
LOW 2 2016 760727 IN 2 SAMPLES

1610020206 RHODYMENIA CALIFORNICA
LOW 1 2016 770504 IN 1 SAMPLES

1610020401 BOTRYOCLADIA PSEUDODICHOTOMA
LOW 3 2063 780622 IN 3 SAMPLES

1610020501 HALOSACCION GLANDIFORME
LOW 1 2016 760517 1 2016 760727 1 2016 770504 IN 3 SAMPLES

16100206 FAUCHEA
LOW 1 2063 780622 IN 1 SAMPLES

1610020601 FAUCHEA LACINIATA
LOW 1 2063 781019 IN 1 SAMPLES

161101 CERAMIACEAE HOM. 1
LOW 1 2016 760727 1 2050 761124 1 2050 770407 IN 3 SAMPLES

16110101 ANTITHAMNION
LOW 1 1012 741014 3 2063 780427 1 2063 780622 IN 5 SAMPLES

1611010104 ANTITHAMNION DENDROIDEUM
LOW 1 2016 760727 IN 1 SAMPLES

1611010109 ANTITHAMNION DEFECTUM
LOW 1 2050 770407 1 2063 770408 IN 2 SAMPLES

1611010207 CALLITHAMNION PIKEANUM
LOW 1 2016 760517 1 2016 760727 IN 2 SAMPLES

16110104 CERAMIUM
LOW 3 1012 741014 1 1012 741212 1 1012 750223 2 1012 750707 1 1012 76 IN 10 SAMPLES
MID 0 1012 741014 0 1012 741212 0 1012 750223 0 1012 750707 0 1012 76

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          IN    1 SAMPLES

          IN    3 SAMPLES

          IN    5 SAMPLES

          IN    2 SAMPLES

          IN    1 SAMPLES

          IN   14 SAMPLES

          IN    4 SAMPLES
  1 2063 780622
  0 2063 780622
          IN    5 SAMPLES


          IN    1 SAMPLES

          IN   16 SAMPLES
 12 2050 770407
  1 2050 770407
          IN   14 SAMPLES
  3 2063 780622
  0 2063 780622
          IN    4 SAMPLES

          IN   58 SAMPLES
  4 2016 770117    6 2016 770504   21 2016 770728   10 2016 771113    1 2063 770630

  0 2016 770117    0 2016 770504    0 2016 770728    1 2016 771113    0 2063 770630
          IN    3 SAMPLES

          IN    2 SAMPLES

          IN    1 SAMPLES

          IN    3 SAMPLES

          IN    3 SAMPLES

          IN    1 SAMPLES

          IN    1 SAMPLES

          IN    3 SAMPLES

          IN    5 SAMPLES

          IN    1 SAMPLES

          IN    2 SAMPLES

          IN    2 SAMPLES

          IN   10 SAMPLES
  2 1012 750707    1 1012 760709    1 2063 780622    0 2063 790127
  0 1012 750707    0 1012 760709    0 2063 780622    1 2063 790127
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1611010408 CERAMIUM PACIFICUM
LOW 1 2016 760517 1 2050 770407 IN 2 SAMPLES
16110113 MICROCLADIA
LOW 4 1012 750707 1 2063 770630 IN 5 SAMPLES
1611011301 MICROCLADIA BOREALIS
IN 138 SAMPLES
LOW 1 1012 741014 1 1012 750223 3 1012 750428 3 1012 750707 1 1012 750805
LOW 2 1012 760807 1 2016 760517 1 2016 760727 1 2050 760709 1 2050 761124
LOW 16 2063 771018 11 2063 780108 9 2063 780427 16 2063 780622 2 2063 781019
MID 0 1012 741014 0 1012 750223 0 1012 750428 0 1012 750707 0 1012 750805
MID 0 1012 760807 0 2016 760517 2 2016 760727 0 2050 760709 0 2050 761124
MID 2 2063 771018 0 2063 780108 0 2063 780427 3 2063 780622 0 2063 781019
HI 0 1012 741014 0 1012 750223 0 1012 750428 0 1012 750707 0 1012 750805
HI 0 1012 760807 0 2016 760517 0 2016 760727 2 2050 760709 0 2050 761124
1611011302 MICROCLADIA COULTERI
IN 11 SAMPLES
LOW 1 2063 770408 2 2063 770630 6 2063 780622
MID 0 2063 770408 0 2063 770630 1 2063 780622
HI 0 2063 770408 0 2063 770630 1 2063 780622
1611011403 PLEONOSPORIUM VANCOUVERIANUM
LOW 1 2063 790127 IN 1 SAMPLES
1611011499 NAME NOT FOUND
LOW 1 2016 760517 IN 1 SAMPLES
1611011601 PTILOTA FILICINA
LOW 1 2016 760517 1 2016 760727 1 2063 771018 IN 3 SAMPLES
1611011603 PTILOTA TENUIS
LOW 4 2063 780622 IN 5 SAMPLES
MID 1 2063 780622
1611012201 ANTITHAMNIONELLA GLANDULIFERA
LOW 1 2063 770408 IN 1 SAMPLES
1611012202 ANTITHAMNIONELLA PACIFICA
LOW 1 2050 770407 IN 1 SAMPLES
16110123 PLATYTHAMNION
LOW 2 1012 750428 5 2063 780622 IN 10 SAMPLES
MID 0 1012 750428 3 2063 780622
16110124 NEOPTILOTA
MID 2 2063 771018 IN 2 SAMPLES
16110125 HOLLENBERGIA
LOW 1 2063 770630 1 2063 780622 IN 4 SAMPLES
MID 0 2063 770630 2 2063 780622
1611012501 HOLLENBERGIA SUBULATA
LOW 1 2050 770407 1 2063 770408 1 2063 790127 IN 4 SAMPLES
MID 0 2050 770407 0 2063 770408 1 2063 790127
1611012601 SCAGELIA OCCIDENTALE
LOW 0 2050 760419 5 2050 770407 IN 6 SAMPLES
MID 1 2050 760419 0 2050 770407
1611012701 TIFFANIELLA SNYDERAE
LOW 1 1012 750707 IN 1 SAMPLES
161102 DELESSERIACEAE
MID 1 2063 770408 0 2063 771018 IN 2 SAMPLES
HI 0 2063 770408 1 2063 771018
16110205 CRYPTOPLEURA
LOW 10 2063 770630 4 2063 771018 4 2063 780108 22 2063 780622 IN 42 SAMPLES
MID 1 2063 770630 0 2063 771018 0 2063 780108 1 2063 780622
1611020502 CRYPTOPLEURA LOBULIFERA
LOW 1 2063 771018 1 2063 780427 IN 2 SAMPLES
1611020503 CRYPTOPLEURA VIOLACEA
LOW 1 2063 771018 IN 1 SAMPLES
1611020601 DELESSERIA DECIPIENS
LOW 1 2016 760517 1 2016 770504 4 2063 780427 1 2063 780622 IN 7 SAMPLES
1611020901 GONIMOPHYLLUM SKOTTSBERGII
LOW 1 1012 750223 0 2063 770408 1 2063 780427 7 2063 780622 1 2063 790127 IN 12 SAMPLES
MID 0 1012 750223 1 2063 770408 0 2063 780427 1 2063 780622 0 2063 790127

IN 2 SAMPLES

IN 5 SAMPLES

IN 138 SAMPLES

3 1012 750707	1 1012 750805	2 1012 760115	1 1012 760514	2 1012 760709
1 2050 760709	1 2050 761124	1 2050 770106	4 2063 770408	29 2063 770630
16 2063 780622	2 2063 781019	14 2063 790127		
0 1012 750707	0 1012 750805	0 1012 760115	2 1012 760514	1 1012 760709
0 2050 760709	0 2050 761124	0 2050 770106	0 2063 770408	0 2063 770630
3 2063 780622	0 2063 781019	2 2063 790127		
0 1012 750707	0 1012 750805	0 1012 760115	1 1012 760514	1 1012 760709
2 2050 760709	0 2050 761124	0 2050 770106	0 2063 770408	0 2063 770630

IN 11 SAMPLES

IN 1 SAMPLES

IN 1 SAMPLES

IN 3 SAMPLES

IN 5 SAMPLES

IN 1 SAMPLES

IN 1 SAMPLES

IN 10 SAMPLES

IN 2 SAMPLES

IN 4 SAMPLES

IN 4 SAMPLES

IN 6 SAMPLES

IN 1 SAMPLES

IN 2 SAMPLES

IN 42 SAMPLES

22 2063 780622

1 2063 780622

IN 2 SAMPLES

IN 1 SAMPLES

IN 7 SAMPLES

1 2063 780622

IN 12 SAMPLES

7 2063 780622 1 2063 790127

1 2063 780622 0 2063 790127

16110211 MEMBRANOPTERA
LOW 1 2016 760727 IN 1 SAMPLES
16110214 PHYCODRYS
LOW 1 2016 761123 IN 1 SAMPLES
1611021501 POLYNEURA LATISSIMA
LOW 1 1012 750428 1 1012 750707 1 2016 761123 3 2016 770504 1 2016 771113 IN 14 SAMPLES
LOW 2 2063 790127
MID 0 1012 750428 0 1012 750707 0 2016 761123 0 2016 770504 0 2016 771113
1611022003 NIENBURGIA ANDERSONIANA
LOW 1 2063 780622 IN 1 SAMPLES
16110224 HYMENENA
LOW 1 2016 770504 2 2050 770407 1 2063 770630 1 2063 771018 2 2063 780108 IN 7 SAMPLES
1611022402 HYMENENA FLABELLIGERA
LOW 0 2050 760419 1 2063 770630 1 2063 790127
MID 1 2050 760419 0 2063 770630 0 2063 790127 IN 3 SAMPLES
1611022404 HYMENENA SETCHELLII
LOW 1 2063 770630 IN 1 SAMPLES
1611022405 HYMENENA SMITHII
LOW 1 2063 770630 IN 1 SAMPLES
16110225 BOTRYOGLOSSUM
LOW 1 1012 750223 IN 1 SAMPLES
1611022501 BOTRYOGLOSSUM FARLOWIANUM
LOW 1 1012 741212 1 1012 760807 1 2063 770630 1 2063 780427 1 2063 780622 IN 6 SAMPLES
MID 0 1012 741212 0 1012 760807 0 2063 770630 0 2063 780427 1 2063 780622
16110227 PLATYSIPHONIA
LOW 1 1012 750428 IN 1 SAMPLES
1611030301 RHODOPTILUM PLUMOSUM
LOW 1 2063 780622 IN 2 SAMPLES
MID 1 2063 780622
161104 RHODOMELACEAE
LOW 1 2016 771113 IN 1 SAMPLES
16110401 POLYSIPHONIA
LOW 5 1012 741014 1 1012 750223 7 1012 750428 5 1012 750707 1 1012 750805 IN 45 SAMPLES
LOW 0 2016 770504 4 2063 770630 3 2063 780108 2 2063 781019 8 2063 790127
MID 0 1012 741014 0 1012 750223 0 1012 750428 0 1012 750707 0 1012 750805
MID 1 2016 770504 3 2063 770630 0 2063 780108 0 2063 781019 0 2063 790127
HI 0 1012 741014 0 1012 750223 0 1012 750428 0 1012 750707 0 1012 750805
1611040101 POLYSIPHONIA HENDRYI
LOW 3 1012 741014 3 2016 760727 3 2016 761123 1 2016 770117 0 2016 780206 IN 68 SAMPLES
LOW 6 2050 770407 3 2063 770408 0 2063 770630 8 2063 771018 1 2063 780108
MID 0 1012 741014 1 2016 760727 0 2016 761123 0 2016 770117 1 2016 780206
MID 3 2050 770407 0 2063 770408 5 2063 770630 4 2063 771018 0 2063 780108
HI 0 1012 741014 0 2016 760727 0 2016 761123 0 2016 770117 0 2016 780206
1611040103 POLYSIPHONIA PACIFICA
LOW 3 2016 760317 5 2016 760727 9 2016 770117 7 2016 770504 0 2016 770728 IN 68 SAMPLES
LOW 3 2050 761124 4 2050 770106 8 2050 770407 2 2063 770408 1 2063 770630
MID 1 2016 760317 0 2016 760727 0 2016 770117 4 2016 770504 2 2016 770728
HI 0 2016 760317 0 2016 760727 0 2016 770117 0 2016 770504 0 2016 770728
1611040114 POLYSIPHONIA PANICULATA
LOW 1 1012 741014 8 2050 770407 IN 9 SAMPLES
16110402 PTEROSIPHONIA
LOW 0 1012 750223 1 1012 750707 3 1012 750805 1 1012 751105 2 1012 760213 IN 21 SAMPLES
LOW 1 2063 780108 0 2063 780622
MID 0 1012 750223 0 1012 750707 0 1012 750805 0 1012 751105 2 1012 760213
MID 0 2063 780108 2 2063 780622
HI 1 1012 750223 0 1012 750707 0 1012 750805 0 1012 751105 0 1012 760213
1611040201 PTEROSIPHONIA ARCTICA
MID 2 2063 771018 IN 2 SAMPLES
1611040202 PTEROSIPHONIA BIPINNATA
LOW 2 1012 741014 1 2016 760727 0 2050 760419 5 2050 760709 3 2050 761124 IN 53 SAMPLES
MID 0 1012 741014 0 2016 760727 1 2050 760419 0 2050 760709 0 2050 761124

IN 1 SAMPLES

IN 1 SAMPLES

IN 14 SAMPLES

3 3 2016 770504 1 2016 771113 1 2050 770407 1 2063 780427 2 2063 780622

3 0 2016 770504 0 2016 771113 0 2050 770407 1 2063 780427 0 2063 780622

IN 1 SAMPLES

IN 7 SAMPLES

) 1 2063 771018 2 2063 780108

IN 3 SAMPLES

IN 1 SAMPLES

IN 1 SAMPLES

IN 1 SAMPLES

IN 6 SAMPLES

1 2063 780427 1 2063 780622

0 2063 780427 1 2063 780622

IN 1 SAMPLES

IN 2 SAMPLES

IN 1 SAMPLES

IN 45 SAMPLES

5 1012 750707 1 1012 750805 2 1012 751105 0 1012 760514 1 1012 760709

2 2063 781019 8 2063 790127

0 1012 750707 0 1012 750805 0 1012 751105 1 1012 760514 0 1012 760709

0 2063 781019 0 2063 790127

0 1012 750707 0 1012 750805 0 1012 751105 1 1012 760514 0 1012 760709

IN 68 SAMPLES

1 2016 770117 0 2016 780206 4 2050 760709 3 2050 761124 3 2050 770106

8 2063 771018 1 2063 780108 9 2063 780427 4 2063 780622

0 2016 770117 1 2016 780206 0 2050 760709 0 2050 761124 0 2050 770106

4 2063 771018 0 2063 780108 0 2063 780427 2 2063 780622

0 2016 770117 0 2016 780206 1 2050 760709 0 2050 761124 0 2050 770106

IN 68 SAMPLES

7 2016 770504 0 2016 770728 11 2016 771113 0 2050 760419 2 2050 760709

2 2063 770408 1 2063 770630 2 2063 771018

4 2016 770504 2 2016 770728 1 2016 771113 1 2050 760419 1 2050 760709

0 2016 770504 0 2016 770728 0 2016 771113 0 2050 760419 1 2050 760709

IN 9 SAMPLES

IN 21 SAMPLES

1 1012 751105 2 1012 760213 1 1012 760514 4 2063 770630 0 2063 771018

0 1012 751105 2 1012 760213 2 1012 760514 0 2063 770630 1 2063 771018

0 1012 751105 0 1012 760213 0 1012 760514 0 2063 770630 0 2063 771018

IN 2 SAMPLES

IN 53 SAMPLES

5 2050 760709 3 2050 761124 15 2050 770106 18 2050 770407 2 2063 770630

0 2050 760709 0 2050 761124 1 2050 770106 0 2050 770407 2 2063 770630

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 MID   2 2063 771018
 HI    0 1012 741014   0 2016 760727   0 2050 760419   1 2050 760709   0 2050 7611
1611040203 PTEROSIPHONIA DENDROIDEA                                    IN  20 SAMPLES
 LOW   1 1012 741014   2 1012 750428   0 2050 760419   1 2050 760709   2 2050 7704
 MID   0 1012 741014   0 1012 750428   1 2050 760419   3 2050 760709   0 2050 7704
 HI    0 1012 741014   0 1012 750428   0 2050 760419   2 2050 760709   0 2050 7704
1611040204 PTEROSIPHONIA GARDNERI                                      IN   6 SAMPLES
 LOW   1 2016 760727   3 2063 780622
 MID   0 2016 760727   2 2063 780622
1611040205 PTEROSIPHONIA GRACILIS                                      IN   1 SAMPLES
 LOW   1 1012 741014
16110404   LAURENCIA                                                   IN   1 SAMPLES
 LOW   1 2063 771018
1611040401 LAURENCIA SPECTABILIS                                       IN  40 SAMPLES
 LOW   1 2050 770407   2 2063 770408   2 2063 770630   3 2063 771018   4 2063 78010
 LOW   4 2063 790127
1611040501 RHODOMELA LARIX                                             IN 108 SAMPLES
 LOW   3 1012 741014   2 1012 750223   2 1012 750428   3 1012 750707   0 1012 75110
 LOW   1 2016 760727   0 2016 761123   1 2016 770504   1 2050 760709   1 2050 77010
 LOW  11 2063 780108   2 2063 780427  12 2063 780622  12 2063 790127
 MID   0 1012 741014   0 1012 750223   0 1012 750428   0 1012 750707   2 1012 75110
 MID   3 2016 760727   2 2016 761123   1 2016 770504   0 2050 760709   0 2050 77010
16110406   ODONTHALIA                                                  IN  17 SAMPLES
 LOW   2 1012 750428   5 1012 750707   1 1012 750805   0 1012 760115   2 1012 76080
 LOW   1 2050 770407
 MID   0 1012 750428   0 1012 750707   0 1012 750805   1 1012 760115   0 1012 76080
 HI    0 1012 750428   0 1012 750707   0 1012 750805   1 1012 760115   0 1012 76080
1611040603 ODONTHALIA FLOCCOSA                                         IN 144 SAMPLES
 LOW   2 1012 741014   1 1012 750428   2 1012 760514   6 1012 760709   1 2016 76072
 LOW   1 2050 761124   2 2050 770407  22 2063 770630   4 2063 771018  17 2063 78010
 LOW   9 2063 790127
 MID   0 1012 741014   0 1012 750428   2 1012 760514   0 1012 760709   0 2016 76072
 MID   0 2050 761124   0 2050 770407   0 2063 770630   3 2063 771018   6 2063 78010
 MID   2 2063 790127
 HI    0 1012 741014   0 1012 750428   1 1012 760514   1 1012 760709   0 2016 76072
 HI    0 2050 761124   0 2050 770407   0 2063 770630   0 2063 771018   0 2063 78010
1611040606 ODONTHALIA WASHINGTONIENSIS                                 IN  10 SAMPLES
 LOW   0 2016 760517   0 2050 760709   2 2063 770408   1 2063 770630   0 2063 771018
 MID   1 2016 760517   0 2050 760709   1 2063 770408   3 2063 770630   1 2063 771018
 HI    0 2016 760517   1 2050 760709   0 2063 770408   0 2063 770630   0 2063 771018
1611040607 ODONTHALIA KAMTSCHATICA                                     IN   2 SAMPLES
 LOW   2 2016 760517
16110407   LOPHOSIPHONIA                                               IN  14 SAMPLES
 LOW   3 1012 741014   1 1012 750223   1 1012 750707   1 1012 751105   4 2063 77040
 MID   0 1012 741014   0 1012 750223   0 1012 750707   0 1012 751105   3 2063 77040
1611040701 LOPHOSIPHONIA VILLUM                                        IN   3 SAMPLES
 LOW   2 2063 770630   0 2063 780427
 MID   0 2063 770630   1 2063 780427
1611040702 LOPHOSIPHONIA REPTABUNDA                                    IN  15 SAMPLES
 LOW   2 2063 770408   1 2063 771018   1 2063 780108   0 2063 780622
 MID   0 2063 770408   9 2063 771018   0 2063 780108   2 2063 780622
16110412   HERPOSIPHONIA                                               IN   6 SAMPLES
 LOW   5 1012 750428   0 1012 750707
 MID   0 1012 750428   1 1012 750707
1611041201 HERPOSIPHONIA VERTICILLATA                                  IN   1 SAMPLES
 LOW   1 1012 741014
1611041203 HERPOSIPHONIA PLUMULA                                       IN   8 SAMPLES
 LOW   0 2050 760709   1 2050 770407   1 2063 771018   4 2063 780622
 MID   0 2050 760709   0 2050 770407   0 2063 771018   1 2063 780622
 HI    1 2050 760709   0 2050 770407   0 2063 771018   0 2063 780622
1611041301 PTEROCHONDRIA WOODII                                        IN   8 SAMPLES
```

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 1 2050 760709    0 2050 761124    0 2050 770106    0 2050 770407    0 2063 770630
        IN  20 SAMPLES
 1 2050 760709    2 2050 770407    2 2063 770630    5 2063 790127
 3 2050 760709    0 2050 770407    1 2063 770630    0 2063 790127
 2 2050 760709    0 2050 770407    0 2063 770630    0 2063 790127
        IN   6 SAMPLES


        IN   1 SAMPLES

        IN   1 SAMPLES

        IN  40 SAMPLES
 3 2063 771018    4 2063 780108    1 2063 780427   22 2063 780622    1 2063 781019

        IN 108 SAMPLES
 3 1012 750707    0 1012 751105    2 1012 760709    1 1012 760807    1 2016 760517
 1 2050 760709    1 2050 770106    7 2063 770408   17 2063 770630   16 2063 771018
12 2063 790127
 0 1012 750707    2 1012 751105    1 1012 760709    0 1012 760807    2 2016 760517
 0 2050 760709    0 2050 770106    0 2063 770408    2 2063 770630    0 2063 771018
        IN  17 SAMPLES
 0 1012 760115    2 1012 760807    1 2016 760517    2 2016 761123    0 2050 760709

 1 1012 760115    0 1012 760807    0 2016 760517    0 2016 761123    1 2050 760709
 1 1012 760115    0 1012 760807    0 2016 760517    0 2016 761123    0 2050 760709
        IN 144 SAMPLES
 6 1012 760709    1 2016 760727    5 2016 770504    0 2016 780206    0 2050 760709
 4 2063 771018   17 2063 780108    6 2063 780427   37 2063 780622    1 2063 781019

 0 1012 760709    0 2016 760727    0 2016 770504    1 2016 780206    0 2050 760709
 3 2063 771018    6 2063 780108    1 2063 780427    6 2063 780622    1 2063 781019

 1 1012 760709    0 2016 760727    0 2016 770504    0 2016 780206    2 2050 760709
 0 2063 771018    0 2063 780108    1 2063 780427    1 2063 780622    0 2063 781019
        IN  10 SAMPLES
 1 2063 770630    0 2063 771018
 3 2063 770630    1 2063 771018
 0 2063 770630    0 2063 771018
        IN   2 SAMPLES

        IN  14 SAMPLES
 1 1012 751105    4 2063 770408    0 2063 770630
 0 1012 751105    3 2063 770408    1 2063 770630
        IN   3 SAMPLES


        IN  15 SAMPLES
 0 2063 780622
 2 2063 780622
        IN   6 SAMPLES


        IN   1 SAMPLES

        IN   8 SAMPLES
 2063 780622
 2063 780622
 2063 780622
        IN   8 SAMPLES
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 LOW   1 1012 741014   1 2063 770408   0 2063 771018   0 2063 781019   1 206
 MID   0 1012 741014   2 2063 770408   1 2063 771018   1 2063 781019   1 206
16110414   JANCZEWSKIA
 LOW   7 2063 780622                                                  IN   7 SAMPLES
1703      NAME NOT FOUND
 LOW   1 2016 760727                                                  IN   1 SAMPLES
20000     NAME NOT FOUND
 LOW   0 1012 741014   0 1012 741212   1 1012 750223   2 1012 750428   IN   8 SAMPLES
 MID   1 1012 741014   1 1012 741212   0 1012 750223   0 1012 750428   2 101
 HI    0 1012 741014   1 1012 741212   0 1012 750223   0 1012 750428   0 101
20230     NAME NOT FOUND                                               0 101
 LOW   1 1012 760709                                                  IN   1 SAMPLES
20520     NAME NOT FOUND
 LOW   3 1012 750428                                                  IN   3 SAMPLES
20610     NAME NOT FOUND
 LOW   2 1012 750707                                                  IN   2 SAMPLES
20630     NAME NOT FOUND
 LOW   3 1012 741014   1 1012 750707   0 1012 760115                  IN   5 SAMPLES
 MID   0 1012 741014   0 1012 750707   1 1012 760115
20920     NAME NOT FOUND
 LOW   1 1012 750223                                                  IN   1 SAMPLES
20940     NAME NOT FOUND
 LOW   1 1012 760115                                                  IN   1 SAMPLES
21100     NAME NOT FOUND
 LOW   0 1012 741014   2 1012 750428   0 1012 750707                  IN   4 SAMPLES
 HI    1 1012 741014   0 1012 750428   1 1012 750707
21200     NAME NOT FOUND
 LOW   1 1012 760709                                                  IN   1 SAMPLES
21540     NAME NOT FOUND
 LOW   1 1012 741014                                                  IN   1 SAMPLES
332601    POTAMOGETONACEAE
 MID   2 2016 761123                                                  IN   2 SAMPLES
3326010101 ZOSTERA MARINA
 LOW   1 1012 750223   1 1012 750428   3 2063 771018                  IN   8 SAMPLES
 MID   1 1012 750223   0 1012 750428   1 2063 771018
 HI    0 1012 750223   0 1012 750428   1 2063 771018
3326010301 PHYLLOSPADIX SCOULERI
 LOW   1 2050 761124   1 2050 770407   4 2063 770408  10 2063 770630  10 2063   IN 118 SAMPLES
 LOW   9 2063 781019  20 2063 790127
 MID   0 2050 761124   0 2050 770407   1 2063 770408   0 2063 770630   4 2063
 MID   1 2063 781019   6 2063 790127
 HI    0 2050 761124   0 2050 770407   0 2063 770408   0 2063 770630   1 2063
 HI    0 2063 781019   2 2063 790127
36        PORIFERA
 LOW   2 2016 761123   1 2016 770117   2 2063 780108  11 2063 780622   IN  16 SAMPLES
36070101  LEUCOSOLENIA
 LOW   1 1012 741014                                                  IN   1 SAMPLES
3663020102 HALICLONA PERMOLLIS
 LOW   1 2016 760517   1 2016 770728   1 2016 771113                  IN   3 SAMPLES
36630202  HALICHONDRIA
 MID   1 2016 760727                                                  IN   1 SAMPLES
3663020202 HALICHONDRIA PANICEA
 LOW   1 2016 760727   3 2016 770728   2 2016 771113                  IN   6 SAMPLES
37        CNIDARIA
 LOW   4 2016 761123   0 2016 770117   1 2050 760709                  IN   7 SAMPLES
 MID   0 2016 761123   2 2016 770117   0 2050 760709
3701      HYDROZOA
 LOW   1 1012 750707   0 1012 750805   1 2063 771018   1 2063 781019   IN   4 SAMPLES
 MID   0 1012 750707   1 1012 750805   0 2063 771018   0 2063 781019
3702      HYDROZOA HYDROIDA
 LOW   1 2016 760727   1 2016 770117   1 2016 770504  18 2016 770728   1 2050 7  IN  22 SAMPLES
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8    0 2063 781019    1 2063 790127
8    1 2063 781019    1 2063 790127
          IN    7 SAMPLES

          IN    1 SAMPLES

          IN    8 SAMPLES
3    2 1012 750428    2 1012 750707
3    0 1012 750428    0 1012 750707
3    0 1012 750428    0 1012 750707
          IN    1 SAMPLES

          IN    3 SAMPLES

          IN    2 SAMPLES

          IN    5 SAMPLES


          IN    1 SAMPLES

          IN    1 SAMPLES

          IN    4 SAMPLES


          IN    1 SAMPLES

          IN    1 SAMPLES

          IN    2 SAMPLES

          IN    8 SAMPLES



          IN 118 SAMPLES
 10 2063 770630   10 2063 771018    6 2063 780108    1 2063 780427   33 2063 780622
  0 2063 770630    4 2063 771018    0 2063 780108    0 2063 780427    8 2063 780622
  0 2063 770630    1 2063 771018    0 2063 780108    0 2063 780427    0 2063 780622
          IN   16 SAMPLES
11 2063 780622
          IN    1 SAMPLES

          IN    3 SAMPLES

          IN    1 SAMPLES

          IN    6 SAMPLES

          IN    7 SAMPLES


          IN    4 SAMPLES
1 2063 781019
0 2063 781019
          IN   22 SAMPLES
8 2016 770728    1 2050 761124
```

37040711 AGLAOPHENIA
LOW 1 1012 741014 1 1012 750223 IN 2 SAMPLES
37310101 HALICLYSTUS
LOW 2 1012 750707 IN 2 SAMPLES
3731010101 HALICLYSTUS AURICULA
LOW 2 2063 770630 5 2063 780622 IN 7 SAMPLES
3740 ANTHOZOA
LOW 3 2016 760727 10 2016 770504 1 2016 770728 1 2016 771113 0 201
MID 0 2016 760727 3 2016 770504 0 2016 770728 0 2016 771113 2 201 IN 20 SAMPLES
3758 ZOANTHARIA ACTINIARIA
LOW 1 1012 760115 IN 1 SAMPLES
3760 ZOANTHARIA ACTINIARIA NYNANTHEAE THENARIA
LOW 0 2016 760727 2 2016 770728 0 2050 770106
MID 1 2016 760727 0 2016 770728 1 2050 770106 IN 4 SAMPLES
37600102 ANTHOPLEURA
LOW 2 1012 741014 1 1012 741212 2 1012 750223 3 1012 750428 3 101
LOW 3 1012 760709 1 1012 760807 0 2016 771113
MID 0 1012 760709 0 1012 760807 1 2016 771113 IN 29 SAMPLES
3760010201 ANTHOPLEURA ELEGANTISSIMA
LOW 0 2016 770504 1 2016 770728 1 2016 771113 0 2050 770407 4 206
LOW 7 2063 780427 15 2063 780622 10 2063 781019 13 2063 790127
MID 1 2016 770504 1 2016 770728 0 2016 771113 2 2050 770407 1 206
MID 3 2063 780427 16 2063 780622 6 2063 781019 3 2063 790127
HI 0 2016 770504 0 2016 770728 0 2016 771113 0 2050 770407 0 206
HI 0 2063 780427 4 2063 780622 0 2063 781019 0 2063 790127 IN 139 SAMPLES
3760019999 NAME NOT FOUND
LOW 3 2016 760517 1 2016 760727 1 2016 761123 2 2016 770117 0 205
MID 2 2016 760517 0 2016 760727 0 2016 761123 2 2016 770117 2 205
HI 0 2016 760517 0 2016 760727 0 2016 761123 0 2016 770117 0 205
HI 1 2050 770106 IN 24 SAMPLES
39 PLATYHELMINTHES
LOW 3 1012 741014 4 1012 741212 1 1012 750223 5 1012 750428 1 1012
LOW 1 1012 760213 2 1012 760607 2 2016 760517 1 2016 760727 0 2016
LOW 1 2016 771113 0 2016 780206 1 2050 760709 5 2050 770407 0 2063
LOW 2 2063 790127
MID 1 1012 741014 2 1012 741212 0 1012 750223 1 1012 750428 0 1012
MID 0 1012 760213 0 1012 760807 1 2016 760517 1 2016 760727 4 2016
MID 19 2016 771113 15 2016 780206 0 2050 760709 0 2050 770407 1 2063
MID 5 2063 790127
HI 0 1012 741014 1 1012 741212 0 1012 750223 0 1012 750428 0 1012
HI 0 2016 771113 0 2016 780206 0 2050 760709 0 2050 770407 1 2063 IN 127 SAMPLES
3901 TURBELLARIA
MID 4 2016 770117 1 2050 760709 2 2050 761025 5 2050 770106 0 3064
HI 0 2016 770117 0 2050 760709 0 2050 761025 1 2050 770106 5 3064 IN 18 SAMPLES
3914020901 ITASPIELLA ARMATA
LOW 5 3064 750426 5 3064 750624
MID 3 3064 750426 1 3064 750624
HI 1 3064 750426 2 3064 750624 IN 17 SAMPLES
3915020103 PROCERODES PACIFICA
LOW 5 3064 740815 0 3064 741031 0 3064 741227 0 3064 750219 4 3064
MID 0 3064 740815 2 3064 741031 3 3064 741227 5 3064 750219 5 3064
HI 3 3064 740815 5 3064 741031 5 3064 741227 5 3064 750219 5 3064 IN 63 SAMPLES
3999999999 NAME NOT FOUND
MID 1 3064 740815 3 3064 741031 1 3064 741227 5 3064 750219
HI 0 3064 740815 2 3064 741031 0 3064 741227 5 3064 750219 IN 17 SAMPLES
43 RHYNCHOCOELA
LOW 14 1012 741014 4 1012 741212 10 1012 750223 10 1012 750428 7 1012
LOW 3 1012 760213 3 1012 760514 6 1012 760709 5 1012 760807 4 2016
LOW 11 2016 770504 10 2016 770728 9 2016 771113 0 2016 780206 2 2050
LOW 4 2050 770407 2 2063 770408 17 2063 770630 7 2063 771018 13 2063 IN 390 SAMPLES

IN 2 SAMPLES

IN 2 SAMPLES

IN 7 SAMPLES

IN 20 SAMPLES

1 2016 771113 0 2016 780206
0 2016 771113 2 2016 780206

IN 1 SAMPLES

IN 4 SAMPLES

IN 29 SAMPLES

3 1012 750428 3 1012 750707 6 1012 750805 5 1012 760115 2 1012 760514

IN 139 SAMPLES

0 2050 770407 4 2063 770408 0 2063 770630 2 2063 771018 12 2063 780108
13 2063 790127
2 2050 770407 1 2063 770408 14 2063 770630 11 2063 771018 11 2063 780108
3 2063 790127
0 2050 770407 0 2063 770408 0 2063 770630 0 2063 771018 1 2063 780108
0 2063 790127

IN 24 SAMPLES

2 2016 770117 0 2050 760419 4 2050 760709 0 2050 761025 1 2050 761124
2 2016 770117 2 2050 760419 2 2050 760709 0 2050 761025 0 2050 761124
0 2016 770117 0 2050 760419 1 2050 760709 2 2050 761025 0 2050 761124

IN 127 SAMPLES

5 1012 750428 1 1012 750707 1 1012 750805 4 1012 751105 3 1012 760115
1 2016 760727 0 2016 761123 1 2016 770117 5 2016 770504 0 2016 770728
5 2050 770407 0 2063 771018 0 2063 780108 3 2063 780622 0 2063 781019

1 1012 750428 0 1012 750707 0 1012 750805 2 1012 751105 1 1012 760115
1 2016 760727 4 2016 761123 0 2016 770117 1 2016 770504 5 2016 770728
0 2050 770407 1 2063 771018 12 2063 780108 6 2063 780622 1 2063 781019

0 1012 750428 0 1012 750707 0 1012 750805 0 1012 751105 0 1012 760115
0 2050 770407 1 2063 771018 0 2063 780108 0 2063 780622 1 2063 781019

IN 18 SAMPLES

5 2050 770106 0 3064 750807
1 2050 770106 5 3064 750807

IN 17 SAMPLES

IN 63 SAMPLES

0 3064 750219 4 3064 750426 3 3064 750624 0 3064 750807
5 3064 750219 5 3064 750426 3 3064 750624 5 3064 750807
5 3064 750219 5 3064 750426 4 3064 750624 1 3064 750807

IN 17 SAMPLES

5 3064 750219
5 3064 750219

IN 390 SAMPLES

10 1012 750428 7 1012 750707 9 1012 750805 6 1012 751105 12 1012 760115
5 1012 760807 4 2016 760517 6 2016 760727 4 2016 761123 4 2016 770117
0 2016 780206 2 2050 760709 0 2050 761025 1 2050 761124 1 2050 770106
7 2063 771018 13 2063 780108 5 2063 780427 6 2063 780622 2 2063 781019

```
MID   2.1012 741014   4 1012 741212   4 1012 750223   4 1012 750428   2 1012
MID   3 1012 760213   2 1012 760514   4 1012 760709   2 1012 760807   4 2016
MID   6 2016 770504   8 2016 770728   5 2016 771113   0 2016 780206   4 2050
MID   0 2050 770407   0 2063 770408   7 2063 770630   4 2063 771018  10 2063
MID   7 2063 790127
HI    0 1012 741014   2 1012 741212   2 1012 750223   0 1012 750428   0 1012
HI    2 1012 760213   1 1012 760514   0 1012 760709   0 1012 760807   0 2016
HI    0 2016 770504   1 2016 770728   0 2016 771113   2 2016 780206   1 2050
HI    3 2050 770407   2 2063 770408   2 2063 770630   1 2063 771018   6 2063
HI    3 2063 790127
4302010104 TUBULANUS PELLUCIDUS
LOW   1 1012 741014   0 1012 750805                                  IN   2 SAMPLES
MID   0 1012 741014   1 1012 750805
43030202   CEREBRATULUS
MID   1 1012 741212                                                  IN   1 SAMPLES
4303020208 CEREBRATULUS CALIFORNIENSIS
LOW   7 1012 741014   1 1012 741212   3 1012 750707   2 1012 760115   IN  15 SAMPLES
MID   1 1012 741014   0 1012 741212   0 1012 750707   0 1012 760115   0 1012 7
4306010102 EMPLECTONEMA GRACILE                                       1 1012 7
LOW   0 1012 741212   1 1012 750707   3 1012 750805   0 1012 760115   IN  77 SAMPLES
LOW   0 2016 770504   2 2016 770728   1 2063 770408   3 2063 780108   0 1012 7
MID   1 1012 741212   0 1012 750707   0 1012 750805   1 1012 760115   2 2063 7
MID   1 2016 770504   1 2016 770728   1 2063 770408   5 2063 780108   2 1012 7
HI    0 2016 770504   0 2016 770728   0 2063 770408   0 2063 780108   3 2063 7
4306010603 PARANEMERTES PEREGRINA                                     1 2063 7
LOW   1 1012 741014   0 1012 741212   2 1012 750707   6 1012 750805   IN  21 SAMPLES
MID   1 1012 741014   1 1012 741212   1 1012 750707   1 1012 750805   1 1012 7
43060501   AMPHIPORUS                                                 0 1012 7
MID   2 3064 750807                                                  IN   4 SAMPLES
HI    2 3064 750807
4306050199 NAME NOT FOUND
LOW   0 2016 780206   4 3064 750426   4 3064 750624                   IN  27 SAMPLES
MID   5 2016 780206   3 3064 750426   5 3064 750624
HI    0 2016 780206   2 3064 750426   4 3064 750624
4399999998 NAME NOT FOUND
LOW   5 3064 740815   0 3064 741031   0 3064 741227   0 3064 750219   IN  19 SAMPLES
MID   4 3064 740815   3 3064 741031   1 3064 741227   2 3064 750219
HI    0 3064 740815   3 3064 741031   1 3064 741227   0 3064 750219
4399999999 NAME NOT FOUND
LOW   1 3064 740815   0 3064 741031   0 3064 741227   0 3064 750219   IN  10 SAMPLES
MID   2 3064 740815   2 3064 741031   0 3064 741227   2 3064 750219
HI    0 3064 740815   2 3064 741031   1 3064 741227   0 3064 750219
47         NEMATODA                                                   IN 384 SAMPLES
LOW   4 1012 741014   1 1012 741212   3 1012 750223   4 1012 750428   3 1012 75
LOW   1 1012 760213   2 1012 760514   4 1012 760709   1 1012 760807   4 2016 76
LOW  11 2016 770504  12 2016 770728   1 2016 771113   0 2016 780206   0 2050 76
LOW   3 2050 770106   8 2050 770407   5 2063 770408  10 2063 770630   7 2063 77
LOW   4 2063 781019  20 2063 790127   1 3064 740815   0 3064 741031   2 3064 75
MID   3 1012 741014   2 1012 741212   2 1012 750223   1 1012 750428   4 1012 75
MID   0 1012 760213   0 1012 760514   2 1012 760709   1 1012 760807   4 2016 76
MID   4 2016 770504  10 2016 770728   7 2016 771113   4 2016 780206   2 2050 76
MID   4 2050 770106   4 2050 770407   4 2063 770408  10 2063 770630   3 2063 77
MID   4 2063 781019   5 2063 790127   0 3064 740815   1 3064 741031   4 3064 75
HI    2 1012 741014   0 1012 741212   1 1012 750223   0 1012 750428   1 1012 75
HI    0 1012 760213   1 1012 760514   1 1012 760709   0 1012 760807   0 2016 76
HI    0 2016 770504   1 2016 770728   0 2016 771113   3 2016 780206   3 2050 76
HI    5 2050 770106   2 2050 770407   0 2063 770408   2 2063 770630   2 2063 77
HI    1 2063 781019   3 2063 790127   0 3064 740815   0 3064 741031   2 3064 75
50         ANNELIDA                                                   IN   1 SAMPLES
HI    1 1012 741014
5001       POLYCHAETA                                                 IN 108 SAMPLES
```

```
 4 1012 750428    2 1012 750707    1 1012 750805    7 1012 751105    7 1012 760115
 2 1012 760807    4 2016 760517    7 2016 760727    4 2016 761123    6 2016 770117
 0 2016 780206    4 2050 760709    4 2050 761025    0 2050 761124    3 2050 770106
 4 2063 771018   10 2063 780108    4 2063 780427    9 2063 780622    3 2063 781019

 0 1012 750428    0 1012 750707    1 1012 750805    5 1012 751105    1 1012 760115
 0 1012 760807    0 2016 760517    1 2016 760727    0 2016 761123    0 2016 770117
 2 2016 780206    1 2050 760709    0 2050 761025    0 2050 761124    1 2050 770106
 1 2063 771018    6 2063 780108    1 2063 780427    1 2063 780622    3 2063 781019

        IN   2 SAMPLES


        IN   1 SAMPLES

        IN  15 SAMPLES
 2 1012 760115    0 1012 760709
 0 1012 760115    1 1012 760709
        IN  77 SAMPLES
 0 1012 760115    0 1012 760213   13 1012 760709    2 1012 760807    0 2016 760727
 3 2063 780108    2 2063 780427    8 2063 780622    3 2063 781019    8 2063 790127
 1 1012 760115    2 1012 760213    3 1012 760709    3 1012 760807    1 2016 760727
 5 2063 780108    3 2063 780427    4 2063 780622    1 2063 781019    2 2063 790127
 0 2063 780108    1 2063 780427    1 2063 780622    0 2063 781019    0 2063 790127
        IN  21 SAMPLES
 6 1012 750805    1 1012 760115    0 1012 760709    5 2063 780622    0 2063 790127
 1 1012 750805    0 1012 760115    1 1012 760709    0 2063 780622    1 2063 790127
        IN   4 SAMPLES


        IN  27 SAMPLES



        IN  19 SAMPLES
 0 3064 750219
 2 3064 750219
 0 3064 750219
        IN  10 SAMPLES
 0 3064 750219
 2 3064 750219
 0 3064 750219
        IN 384 SAMPLES
 4 1012 750428    3 1012 750707    0 1012 750805    1 1012 751105    3 1012 760115
 1 1012 760807    4 2016 760517    5 2016 760727    4 2016 761123    8 2016 770117
 0 2016 780206    0 2050 760419    5 2050 760709    0 2050 761025    3 2050 761124
10 2063 770630    7 2063 771018   13 2063 780108    3 2063 780427   29 2063 780622
 0 3064 741031    2 3064 750624    0 3064 750807
 1 1012 750428    4 1012 750707    2 1012 750805    1 1012 751105    0 1012 760115
 1 1012 760807    4 2016 760517    8 2016 760727    4 2016 761123    8 2016 770117
 4 2016 780206    2 2050 760419    7 2050 760709    1 2050 761025    0 2050 761124
 0 2063 770630    3 2063 771018    9 2063 780108    4 2063 780427    9 2063 780622
 1 3064 741031    4 3064 750624    0 3064 750807
 0 1012 750428    1 1012 750707    2 1012 750805    2 1012 751105    1 1012 760115
 0 1012 760807    0 2016 760517    3 2016 760727    2 2016 761123    1 2016 770117
 3 2016 780206    3 2050 760419    4 2050 760709    2 2050 761025    0 2050 761124
 2 2063 770630    2 2063 771018    5 2063 780108    1 2063 780427    6 2063 780622
 0 3064 741031    2 3064 750624    2 3064 750807
        IN   1 SAMPLES

       IN 108 SAMPLES
```

```
 LOW   2 1012 741014   3 1012 741212   4 1012 750223  10 1012 750428  10 1012 7507
 LOW   3 1012 760213   2 1012 760514  11 1012 760709   4 1012 760807   0 2016 7611
 LOW   7 2063 771018   2 2063 780108   1 2063 790127
 MID   0 1012 741014   1 1012 741212   0 1012 750223   0 1012 750428   2 1012 7507
 MID   3 1012 760213   3 1012 760514   0 1012 760709   2 1012 760807   1 2016 7611
 HI    3 2063 771018   0 2063 780108   1 2063 790127
500102     POLYNOIDAE
 LOW   1 2016 760727   4 2063 770630   2 2063 790127                    IN   8 SAMPLES
 MID   0 2016 760727   0 2063 770630   1 2063 790127
5001020701 HALOSYDNA BREVISETOSA
 LOW   1 2050 760709   2 2063 770408   1 2063 770630   2 2063 771018   2 2063 7801(
                                                                       IN  13 SAMPLES
50010208   HARMOTHOE
 LOW   1 1012 750707   2 1012 760709   1 2016 761123   1 2063 771018   1 2063 78042
 MID   0 1012 750707   0 1012 760709   0 2016 761123   1 2063 771018   0 2063 78042
                                                                       IN   7 SAMPLES
5001020806 HARMOTHOE IMBRICATA
 LOW   1 1012 741014   1 1012 750805   3 2016 760727   1 2016 761123   4 2016 77072
 LOW   1 2063 771018   2 2063 780108   2 2063 780622   2 2063 781019   1 2063 79012
 MID   0 1012 741014   1 1012 750805   0 2016 760727   0 2016 761123   0 2016 77072
 MID   0 2063 771018   1 2063 780108   0 2063 780622   0 2063 781019   1 2063 79012
                                                                       IN   25 SAMPLES
5001020809 HARMOTHOE MULTISETOSA
 LOW   2 1012 750707                                                   IN   2 SAMPLES
5001021103 LEPIDONOTUS SQUAMATUS
 LOW   2 1012 741212                                                   IN   2 SAMPLES
500106     SIGALIONIDAE
 LOW   1 1012 741212                                                   IN   1 SAMPLES
5001060101 PHOLOE MINUTA
 LOW   5 1012 741014   3 1012 741212   5 1012 750223   8 1012 750428   7 1012 75070
 LOW   0 2063 771018   0 2063 780108   2 2063 780427   1 2063 780622   3 2063 78101
 MID   0 1012 741014   1 1012 741212   1 1012 750223   0 1012 750428   0 1012 75070
 MID   1 2063 771018   4 2063 780108   2 2063 780427   4 2063 780622   0 2063 78101
 HI    0 1012 741014   1 1012 741212   0 1012 750223   0 1012 750428   0 1012 75070
 HI    0 2063 771018   2 2063 780108   0 2063 780427   0 2063 780622   0 2063 78101
                                                                       IN   76 SAMPLES
500107     PISIONIDAE
 HI    1 2050 760419                                                   IN   1 SAMPLES
50010701   PISIONE
 MID   1 3064 750219                                                   IN   1 SAMPLES
5001070102 NAME NOT FOUND
 LOW   4 3064 750624                                                   IN   4 SAMPLES
50010799   NAME NOT FOUND
 HI    1 2050 760709                                                   IN   1 SAMPLES
5001080101 PALEANOTUS BELLIS
 LOW   1 1012 760709   1 2016 770117                                   IN   2 SAMPLES
500113     PHYLLODOCIDAE
 LOW   1 1012 750707   3 1012 751105   1 2016 770504   1 2016 770728   IN   6 SAMPLES
50011301   ANAITIDES/PHYLLODOCE
 LOW   1 1012 741212   4 1012 750223   5 1012 751105   2 1012 760213   7 1012 760709
 LOW   1 2063 780427                                                   IN  32 SAMPLES
 MID   0 1012 741212   0 1012 750223   2 1012 751105   1 1012 760213   0 1012 760709
5001130102 ANAITIDES GROENLANDICA
 LOW   1 1012 741014                                                   IN   1 SAMPLES
5001130103 ANAITIDES MEDIPAPILLATA
 LOW   1 2063 770630                                                   IN   1 SAMPLES
5001130106 ANAITIDES MACULATA
 LOW   7 1012 741014   3 1012 741212   4 1012 750223   7 1012 750428   5 1012 750805
 LOW   1 2016 760727   1 2016 761123   1 2016 770117   2 2016 770504   1 2016 771113
 LOW   3 2063 771018   0 2063 780108   2 2063 780622   1 2063 781019   1 2063 790127
 MID   0 1012 741014   0 1012 741212   0 1012 750223   1 1012 750428   0 1012 750805
 MID   0 2063 771018   2 2063 780108   0 2063 780622   0 2063 781019   0 2063 790127
                                                                       IN   56 SAMPLES
50011302   ETEONE
 LOW   0 1012 741212   1 1012 750428   2 1012 750707   0 1012 760807
 MID   1 1012 741212   0 1012 750428   4 1012 750707   1 1012 760807   IN   9 SAMPLES
```

```
10 1012 750428  10 1012 750707   6 1012 750805   3 1012 751105  10 1012 760115
 4 1012 760807   0 2016 761123   2 2016 770504   1 2016 770728   3 2063 770630

 0 1012 750428   2 1012 750707   2 1012 750805   2 1012 751105   1 1012 760115
 2 1012 760807   1 2016 761123   0 2016 770504   0 2016 770728   3 2063 770630

        IN   8 SAMPLES


        IN  13 SAMPLES
 2 2063 771018   2 2063 780108   1 2063 780427   1 2063 780622   3 2063 790127
        IN   7 SAMPLES
 1 2063 771018   1 2063 780427
 1 2063 771018   0 2063 780427
        IN  25 SAMPLES
 1 2016 761123   4 2016 770728   1 2016 771113   1 2050 770407   2 2063 770630
 2 2063 781019   1 2063 790127
 0 2016 761123   0 2016 770728   0 2016 771113   0 2050 770407   0 2063 770630
 0 2063 781019   1 2063 790127
        IN   2 SAMPLES

        IN   2 SAMPLES

        IN   1 SAMPLES

        IN  76 SAMPLES
 8 1012 750428   7 1012 750707  10 1012 750805   3 1012 760709   1 2063 770630
 1 2063 780622   3 2063 781019   0 2063 790127
 0 1012 750428   0 1012 750707   2 1012 750805   0 1012 760709   3 2063 770630
 4 2063 780622   0 2063 781019   3 2063 790127
 0 1012 750428   0 1012 750707   0 1012 750805   0 1012 760709   1 2063 770630
 0 2063 780622   0 2063 781019   3 2063 790127
        IN   1 SAMPLES

        IN   1 SAMPLES

        IN   4 SAMPLES

        IN   1 SAMPLES

        IN   2 SAMPLES

        IN   6 SAMPLES
 1 2016 770728
        IN  32 SAMPLES
 2 1012 760213   7 1012 760709   3 1012 760807   2 2050 761124   3 2050 770407

 1 1012 760213   0 1012 760709   1 1012 760807   0 2050 761124   0 2050 770407
        IN   1 SAMPLES

        IN   1 SAMPLES

        IN  56 SAMPLES
 7 1012 750428   5 1012 750805   2 1012 751105   4 1012 760115   2 2016 760517
 2 2016 770504   1 2016 771113   2 2050 761124   1 2050 770106   1 2050 770407
 1 2063 781019   1 2063 790127
 1 1012 750428   0 1012 750805   2 1012 751105   0 1012 760115   0 2016 760517
 0 2063 781019   0 2063 790127
        IN   9 SAMPLES
 0 1012 760807
 1 1012 760807
```

5001130205 ETEONE LONGA

LOW	6	1012	741014	2	1012	741212	3	1012	750223	2	1012	750707	3	1012	750805
LOW	2	1012	760514	4	1012	760709	0	1012	760807	2	2016	760517	3	2016	760727
LOW	1	2016	770728	3	2016	771113	0	2016	780206	0	2050	770106	1	2050	770407
MID	3	1012	741014	5	1012	741212	2	1012	750223	2	1012	750707	3	1012	750805
MID	2	1012	760514	1	1012	760709	1	1012	760807	0	2016	760517	0	2016	760727
MID	3	2016	770728	4	2016	771113	2	2016	780206	1	2050	770106	0	2050	770407
HI	0	1012	741014	1	1012	741212	0	1012	750223	0	1012	750707	1	1012	750805
HI	0	1012	760514	0	1012	760709	1	1012	760807	0	2016	760517	0	2016	760727

5001130206 ETEONE TUBERCULATA

LOW	1	2016	770728								

IN 1 SAMPLES

50011303 EULALIA

LOW	1	1012	741212	3	1012	750428	4	1012	750707	1	1012	750805	5	1012	751105
LOW	2	1012	760807	2	2016	760727	1	2016	770728	2	2016	771113	2	2063	770408
LOW	2	2063	780427	24	2063	780622	1	2063	781019	12	2063	790127			
MID	0	2063	780427	1	2063	780622	0	2063	781019	0	2063	790127			

IN 94 SAMPLES

5001130301 EULALIA VIRIDIS

LOW	3	1012	741212	1	1012	750707	1	1012	750805	2	2016	760517	0	2016	770504
MID	0	1012	741212	0	1012	750707	0	1012	750805	0	2016	760517	1	2016	770504

IN 11 SAMPLES

5001130302 EULALIA SANGUINEA

LOW	1	2050	761124								

IN 1 SAMPLES

5001130306 EULALIA QUADRIOCULATA

LOW	1	1012	750428	0	2016	760727	1	2016	770117	1	2016	770504	1	2016	770728
MID	0	1012	750428	1	2016	760727	0	2016	770117	0	2016	770504	0	2016	770728

IN 7 SAMPLES

5001130402 NOTOPHYLLUM IMBRICATUM

LOW	1	2063	780622								

IN 1 SAMPLES

50011307 GENETYLLIS

LOW	1	2016	770728								

IN 1 SAMPLES

50011309 HESIONURA

LOW	1	2016	770504								

IN 1 SAMPLES

5001130901 HESIONURA COINEAUI

LOW	1	2050	770407	1	2063	770408	10	2063	770630	4	2063	771018	9	2063	780108
LOW	10	2063	790127												
MID	0	2050	770407	0	2063	770408	6	2063	770630	2	2063	771018	1	2063	780108
HI	0	2050	770407	0	2063	770408	0	2063	770630	0	2063	771018	0	2063	780108
HI	1	2063	790127												

IN 77 SAMPLES

500121 HESIONIDAE

LOW	3	1012	760115	1	1012	760709	0	2016	760727	1	2063	770408	1	2063	770630
MID	0	1012	760115	0	1012	760709	0	2016	760727	0	2063	770408	2	2063	770630
HI	0	1012	760115	0	1012	760709	1	2016	760727	0	2063	770408	0	2063	770630

IN 10 SAMPLES

50012104 OPHIODROMUS

MID	1	2063	780622								

IN 1 SAMPLES

5001210401 OPHIODROMUS PUGETTENSIS

LOW	1	2063	770630	1	2063	780108	3	2063	780622	0	3064	740815	0	3064	741031
MID	0	2063	770630	1	2063	780108	1	2063	780622	2	3064	740815	0	3064	741031
HI	0	2063	770630	0	2063	780108	0	2063	780622	0	3064	740815	1	3064	741031

IN 11 SAMPLES

5001210501 KEFERSTEINIA CIRRATA

LOW	1	1012	741212	3	3064	750624					

IN 4 SAMPLES

5001210801 MICROPODARKE DUBIA

LOW	1	1012	741212	2	1012	750428	6	2063	770630	1	2063	771018	2	2063	780108
LOW	3	2063	790127												
MID	0	1012	741212	0	1012	750428	3	2063	770630	0	2063	771018	2	2063	780108
HI	0	1012	741212	0	1012	750428	2	2063	770630	0	2063	771018	0	2063	780108

IN 44 SAMPLES

50012109 SYLLIDIA

LOW	3	2063	780622								
MID	4	2063	780622								

IN 7 SAMPLES

5001219899 NAME NOT FOUND

LOW	1	2016	770117								

IN 1 SAMPLES

500123 SYLLIDAE

LOW	1	1012	741014	1	1012	750223	1	1012	750805	2	1012	751105	1	1012	760115
LOW	0	2016	780206	0	2050	760709	1	2050	770407	2	2063	780108	1	2063	780622

IN 27 SAMPLES

IN 93 SAMPLES

2 1012 750707	3 1012 750805	0 1012 751105	2 1012 760115	0 1012 760213
2 2016 760517	3 2016 760727	1 2016 761123	1 2016 770117	2 2016 770504
0 2050 770106	1 2050 770407	0 2063 771018	1 2063 780427	3 2063 790127
2 1012 750707	3 1012 750805	3 1012 751105	2 1012 760115	2 1012 760213
0 2016 760517	0 2016 760727	2 2016 761123	4 2016 770117	2 2016 770504
1 2050 770106	0 2050 770407	1 2063 771018	0 2063 780427	0 2063 790127
0 1012 750707	1 1012 750805	3 1012 751105	0 1012 760115	0 1012 760213
0 2016 760517	0 2016 760727	0 2016 761123	0 2016 770117	0 2016 770504

IN 1 SAMPLES

IN 94 SAMPLES

1 1012 750805	5 1012 751105	2 1012 760115	1 1012 760213	4 1012 760709
2 2016 771113	2 2063 770408	14 2063 770630	5 2063 771018	5 2063 780108
12 2063 790127				
0 2063 790127				

IN 11 SAMPLES

2 2016 760517	0 2016 770504	3 2063 790127
0 2016 760517	1 2016 770504	0 2063 790127

IN 1 SAMPLES

IN 7 SAMPLES

1 2016 770504	1 2016 770728	1 2050 761124	0 2050 770106
0 2016 770504	0 2016 770728	0 2050 761124	1 2050 770106

IN 1 SAMPLES

IN 1 SAMPLES

IN 1 SAMPLES

IN 77 SAMPLES

4 2063 771018	9 2063 780108	3 2063 780427	9 2063 780622	4 2063 781019
2 2063 771018	1 2063 780108	4 2063 780427	5 2063 780622	2 2063 781019
0 2063 771018	0 2063 780108	1 2063 780427	3 2063 780622	1 2063 781019

IN 10 SAMPLES

1 2063 770408	1 2063 770630	1 2063 780108
0 2063 770408	2 2063 770630	0 2063 780108
0 2063 770408	0 2063 770630	0 2063 780108

IN 1 SAMPLES

IN 11 SAMPLES

0 3064 740815	0 3064 741031	0 3064 750807
2 3064 740815	0 3064 741031	1 3064 750807
0 3064 740815	1 3064 741031	0 3064 750607

IN 4 SAMPLES

IN 44 SAMPLES

1 2063 771018	2 2063 780108	4 2063 780427	9 2063 780622	2 2063 781019
0 2063 771018	2 2063 780108	2 2063 780427	5 2063 780622	0 2063 781019
0 2063 771018	0 2063 780108	0 2063 780427	0 2063 780622	0 2063 781019

IN 7 SAMPLES

IN 1 SAMPLES

IN 27 SAMPLES

1012 751105	1 1012 760115	1 2016 760517	3 2016 770504	4 2016 770728
2063 780108	1 2063 780622			

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 MID   6 2016 780206   0 2050 760709   0 2050 770407   2 2063 780108   0 2063 780
 HI    0 2016 780206   1 2050 760709   0 2050 770407   0 2063 780108   0 2063 780
5001230101 AUTOLYTUS CORNUTUS
 LOW   1 2063 790127                                                  IN   1 SAMPLES
50012302   PIONOSYLLIS
 LOW   3 2063 780622                                                  IN   4 SAMPLES
 MID   1 2063 780622
5001230204 PIONOSYLLIS URAGA
 LOW   1 2063 780427                                                  IN   1 SAMPLES
50012303   SYLLIS
 LOW   2 1012 750223   2 1012 750428   1 1012 750707   0 1012 750805   1 1012 7511
 LOW   2 1012 760807   4 2016 760727   4 2016 761123   2 2016 770117   6 2016 7705
 LOW   0 2050 761025   4 2050 761124   4 2050 770106   5 2050 770407
 MID   0 1012 750223   0 1012 750428   0 1012 750707   1 1012 750805   4 1012 7511
 MID   0 1012 760807   1 2016 760727   0 2016 761123   4 2016 770117   7 2016 7705
 MID   4 2050 761025   0 2050 761124   5 2050 770106   3 2050 770407
 HI    0 1012 750223   0 1012 750428   0 1012 750707   0 1012 750805   1 1012 7511
 HI    0 1012 760807   2 2016 760727   0 2016 761123   0 2016 770117   0 2016 7705
 HI    0 2050 761025   0 2050 761124   0 2050 770106   2 2050 770407
50012305   TYPOSYLLIS                                                 IN 194 SAMPLES
 LOW   3 1012 741014   3 1012 741212   2 1012 750223   2 1012 750428   0 1012 7507
 LOW   0 2050 770106   4 2063 770408  22 2063 770630  15 2063 771018  14 2063 7801
 LOW  24 2063 790127
 MID   0 1012 741014   0 1012 741212   0 1012 750223   0 1012 750428   1 1012 7507
 MID   0 2050 770106   1 2063 770408  11 2063 770630   4 2063 771018  10 2063 7801
 MID   8 2063 790127
 HI    4 2050 770106   0 2063 770408   4 2063 770630   0 2063 771018   3 2063 7801
 HI    2 2063 790127
5001230502 TYPOSYLLIS ARMILLARIS
 LOW   3 2063 770408   1 2063 780427                                  IN   4 SAMPLES
5001230504 TYPOSYLLIS ELONGATA
 LOW   1 2063 780427                                                  IN   1 SAMPLES
5001230506 TYPOSYLLIS STEWARTI
 LOW  10 2063 780622                                                  IN  24 SAMPLES
 MID  10 2063 780622
 HI    4 2063 780622
5001230507 TYPOSYLLIS FASCIATA
 LOW   4 2063 780427                                                  IN   8 SAMPLES
 MID   4 2063 780427
5001230509 TYPOSYLLIS ADAMANTEA                                       IN  34 SAMPLES
 LOW   1 1012 741212   3 1012 750805   0 1012 751105   0 1012 760213   3 1012 760709
 MID   1 1012 741212   0 1012 750805   1 1012 751105   3 1012 760213   2 1012 760709
 MID   1 2016 770117   2 2016 770728   2 2016 771113   1 2050 761025   0 2050 770106
 HI    0 1012 741212   0 1012 750805   0 1012 751105   0 1012 760213   0 1012 760709
 HI    0 2016 770117   0 2016 770728   0 2016 771113   0 2050 761025   1 2050 770106
5001230511 TYPOSYLLIS HYALINA                                         IN  13 SAMPLES
 LOW   0 2050 760419   0 2050 760709   3 2063 770408   2 2063 780427
 MID   1 2050 760419   1 2050 760709   3 2063 770408   2 2063 780427
 HI    0 2050 760419   1 2050 760709   0 2063 770408   0 2063 780427
50012306   EUSYLLIS
 LOW   1 1012 750223   1 1012 750707                                  IN   2 SAMPLES
5001230601 EUSYLLIS ASSIMILIS
 LOW   1 2063 770630                                                  IN   1 SAMPLES
50012307   EXOGONE
 LOW   3 1012 741014   1 1012 750223   0 1012 750707   0 1012 750805   1 1012 760213
 LOW  10 2063 780108  15 2063 780622   5 2063 790127                  IN  53 SAMPLES
 MID   0 1012 741014   0 1012 750223   1 1012 750707   1 1012 750805   0 1012 760213
 MID   3 2063 780108   0 2063 780622   0 2063 790127
5001230702 EXOGONE GEMMIFERA
 LOW   1 1012 741014   1 2016 760517   1 2016 770117   8 2016 770504   8 2016 770728
5001230703 EXOGONE LOUREI                                             IN  27 SAMPLES
                                                                      IN  94 SAMPLES
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```
 2 2063 780108    0 2063 780622
 0 2063 780108    0 2063 780622
        IN    1 SAMPLES

        IN    4 SAMPLES


        IN    1 SAMPLES

        IN  110 SAMPLES
 0 1012 750805    1 1012 751105    7 1012 760115    1 1012 760213    1 1012 760709
 2 2016 770117    6 2016 770504    5 2016 770728    4 2016 771113    4 2050 760709
 5 2050 770407
 1 1012 750805    4 1012 751105    0 1012 760115    0 1012 760213    1 1012 760709
 4 2016 770117    7 2016 770504    2 2016 770728    3 2016 771113    5 2050 760709
 3 2050 770407
 0 1012 750805    1 1012 751105    0 1012 760115    4 1012 760213    0 1012 760709
 0 2016 770117    0 2016 770504    0 2016 770728    0 2016 771113    2 2050 760709
 2 2050 770407
        IN  194 SAMPLES
 2 1012 750428    0 1012 750707    0 1012 750805    0 2016 760517    0 2016 761123
15 2063 771018   14 2063 780108   10 2063 780427   31 2063 780622    4 2063 781019

 0 1012 750428    1 1012 750707    1 1012 750805    1 2016 760517    1 2016 761123
 4 2063 771018   10 2063 780108    3 2063 780427    0 2063 780622    4 2063 781019

 0 2063 771018    3 2063 780108    0 2063 780427    1 2063 780622    1 2063 781019
        IN    4 SAMPLES

        IN    1 SAMPLES

        IN   24 SAMPLES


        IN    8 SAMPLES


        IN   34 SAMPLES
 0 1012 760213    3 1012 760709    0 2016 760517    0 2016 760727    0 2016 761123
 3 1012 760213    2 1012 760709    2 2016 760517    4 2016 760727    2 2016 761123
 1 2050 761025    0 2050 770106    3 2063 780108    1 2063 780427
 0 1012 760213    0 1012 760709    1 2016 760517    0 2016 760727    0 2016 761123
 0 2050 761025    1 2050 770106    0 2063 780108    0 2063 780427
        IN   13 SAMPLES
 2 2063 780427
 2 2063 780427
 0 2063 780427
        IN    2 SAMPLES

        IN    1 SAMPLES

        IN   53 SAMPLES
 0 1012 750805    1 1012 760213    2 1012 760514    2 1012 760709    7 2063 771018

 1 1012 750805    0 1012 760213    0 1012 760514    0 1012 760709    2 2063 771018

        IN   27 SAMPLES
 3 2016 770504    8 2016 770728    3 2016 771113    1 2050 770106    4 2050 770407
        IN   94 SAMPLES
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```
 LOW    1 1012 750707    2 2016 770504    1 2016 770728    2 2050 760709    3 2050 76112
 LOW    9 2063 77063C    4 2063 780427   14 2063 780622    4 2063 781019   17 2063 79012
 MID    7 2063 770630    4 2063 780427    9 2063 780622    1 2063 781019    2 2063 79012
 HI     0 2063 770630    0 2063 780427    1 2063 780622    0 2063 781019    1 2063 79012
50012308   SPHAEROSYLLIS                                                  IN  32 SAMPLES
 LOW    4 2063 771018    7 2063 780108    7 2063 780622
 MID    1 2063 771018    4 2063 780108    8 2063 780622
 HI     0 2063 771018    1 2063 780108    0 2063 780622
5001230805 SPHAEROSYLLIS PERIFERA                                         IN  33 SAMPLES
 LOW    1 2016 770728    2 2063 770408    3 2063 770630    0 2063 771018    3 2063 78042
 MID    0 2016 770728    2 2063 770408    2 2063 770630    1 2063 771018    3 2063 78042
5001231002 LANGERHANSIA HETEROCHAETA                                      IN   5 SAMPLES
 LOW    1 2063 770408    1 2063 780427
 MID    2 2063 770408    1 2063 780427
5001231302 ODONTOSYLLIS PARVA                                             IN  15 SAMPLES
 LOW    0 2063 770408    2 2063 770630    1 2063 780108    1 2063 780427    9 2063 78062
 MID    1 2063 770408    0 2063 770630    0 2063 780108    0 2063 780427    0 2063 78062
500124     NEREIDAE                                                       IN  55 SAMPLES
 LOW    1 2016 761123    0 2016 770117    2 2016 770504    4 2016 770728   10 2016 77111
 MID    1 2016 761123    4 2016 770117    0 2016 770504    0 2016 770728   17 2016 77111
 MID    1 2063 780108
50012401   CERATONEREIS                                                   IN   2 SAMPLES
 LOW    2 2050 770106
5001240301 NEANTHES BRANDTI                                               IN   1 SAMPLES
 HI     1 2050 760709
50012404   NEREIS                                                         IN 263 SAMPLES
 LOW    5 1012 741014    8 1012 741212    9 1012 750223   12 1012 750428   10 1012 750707
 LOW    3 1012 760213    1 1012 760514   15 1012 760709    4 1012 760807    1 2016 760517
 LOW    9 2016 770504    7 2016 770728    2 2016 771113    0 2050 760419    2 2050 760709
 LOW    3 2050 770407    2 2063 770408   10 2063 770630   10 2063 780108    2 2063 780427
 MID    1 1012 741014    5 1012 741212    5 1012 750223    1 1012 750428    3 1012 750707
 MID    8 1012 760213    1 1012 760514    4 1012 760709    4 1012 760807    0 2016 760517
 MID    0 2016 770504    2 2016 770728    2 2016 771113    1 2050 760419    1 2050 760709
 MID    2 2050 770407    0 2063 770408    2 2063 770630    4 2063 780108    3 2063 780427
 HI     1 1012 741014    1 1012 741212    0 1012 750223    0 1012 750428    0 1012 750707
 HI     1 1012 760213    0 1012 760514    0 1012 760709    1 1012 760807    1 2016 760517
 HI     0 2016 770504    1 2016 770728    0 2016 771113    0 2050 760419    2 2050 760709
 HI     1 2050 770407    0 2063 770408    0 2063 770630    3 2063 780108    1 2063 780427
5001240401 NEREIS NEONEATHES                                              IN   2 SAMPLES
 LOW    1 2063 770408
 MID    1 2063 770408
5001240403 NEREIS PELAGICA                                                IN   4 SAMPLES
 LOW    1 1012 741014    0 2050 760709    1 2050 770407
 MID    1 1012 741014    0 2050 760709    0 2050 770407
 HI     0 1012 741014    1 2050 760709    0 2050 770407
5001240405 NEREIS VEXILLOSA                                               IN  97 SAMPLES
 LOW    1 1012 741014    3 2016 760517    3 2016 760727    4 2016 761123    3 2016 770117
 LOW    0 2016 780206    0 2050 760419    0 2050 760709    0 2050 761025    1 2050 761124
 LOW    1 2063 771018    1 2063 780108    2 2063 780427    6 2063 780622    2 2063 781019
 MID    3 1012 741014    0 2016 760517    3 2016 760727    0 2016 761123    1 2016 770117
 MID    1 2016 780206    1 2050 760419    6 2050 760709    3 2050 761025    0 2050 761124
 MID    1 2063 771018    1 2063 780108    0 2063 780427    6 2063 780622    0 2063 781019
 HI     0 1012 741014    0 2016 760517    1 2016 760727    0 2016 761123    0 2016 770117
 HI     0 2016 780206    0 2050 760419    4 2050 760709    0 2050 761025    0 2050 761124
 HI     0 2063 771018    0 2063 780108    1 2063 780427    1 2063 780622    0 2063 781019
5001240406 NEREIS ZONATA                                                  IN   2 SAMPLES
 MID    1 2016 760517    0 2050 760419
 HI     0 2016 760517    1 2050 760419
5001240407 NEREIS GRUBEI                                                  IN   9 SAMPLES
 LOW    7 2063 790127
 MID    2 2063 790127
```

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 2 2050 760709    3 2050 761124    2 2050 770106    6 2050 770407    4 2063 770408
 4 2063 781019   17 2063 790127
 1 2063 781019    2 2063 790127
 0 2063 781019    1 2063 790127
        IN  32 SAMPLES


        IN  33 SAMPLES
 0 2063 771018    3 2063 780427    3 2063 780622    2 2063 781019    9 2063 790127
 1 2063 771018    3 2063 780427    1 2063 780622    0 2063 781019    1 2063 790127
        IN   5 SAMPLES


        IN  15 SAMPLES
 1 2063 780427    9 2063 780622    1 2063 790127
 0 2063 780427    0 2063 780622    0 2063 790127
        IN  55 SAMPLES
 4 2016 770728   10 2016 771113    0 2016 780206    1 2050 770106    4 2050 770407
 0 2016 770728   17 2016 771113    9 2016 780206    1 2050 770106    0 2050 770407

        IN   2 SAMPLES

        IN   1 SAMPLES

        IN 263 SAMPLES
12 1012 750428   10 1012 750707    8 1012 750805    5 1012 751105   12 1012 760115
 4 1012 760807    1 2016 760517    2 2016 760727    1 2016 761123    1 2016 770117
 0 2050 760419    2 2050 760709    0 2050 761025    4 2050 761124    7 2050 770106
10 2063 780108    2 2063 780427    9 2063 780622    4 2063 781019    3 2063 790127
 1 1012 750428    3 1012 750707    4 1012 750805    6 1012 751105    5 1012 760115
 4 1012 760807    0 2016 760517    1 2016 760727    0 2016 761123    0 2016 770117
 1 2050 760419    1 2050 760709    1 2050 761025    0 2050 761124    1 2050 770106
 4 2063 780108    3 2063 780427    2 2063 780622    2 2063 781019    1 2063 790127
 0 1012 750428    0 1012 750707    3 1012 750805    2 1012 751105    0 1012 760115
 1 1012 760807    1 2016 760517    0 2016 760727    0 2016 761123    0 2016 770117
 0 2050 760419    2 2050 760709    1 2050 761025    0 2050 761124    1 2050 770106
 3 2063 780108    1 2063 780427    0 2063 780622    0 2063 781019    0 2063 790127
        IN   2 SAMPLES


        IN   4 SAMPLES


        IN  97 SAMPLES
 4 2016 761123    3 2016 770117    4 2016 770504    3 2016 770728    3 2016 771113
 0 2050 761025    1 2050 761124    2 2050 770106    1 2050 770407    1 2063 770630
 6 2063 780622    2 2063 781019    2 2063 790127
 0 2016 761123    1 2016 770117    1 2016 770504    1 2016 770728    1 2016 771113
 3 2050 761025    0 2050 761124    3 2050 770106    3 2050 770407    0 2063 770630
 6 2063 780622    0 2063 781019    1 2063 790127
 0 2016 761123    0 2016 770117    0 2016 770504    3 2016 770728    0 2016 771113
 0 2050 761025    0 2050 761124    4 2050 770106    3 2050 770407    0 2063 770630
 1 2063 780622    0 2063 781019    1 2063 790127
        IN   2 SAMPLES


        IN   9 SAMPLES
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5001240501 PLATYNEREIS BICANALICULATA
 LOW   3 1012 741014   1 1012 741212   1 1012 750223   1 1012 750428   2 1012 7507
 LOW   1 1012 760807   4 2016 760517   5 2016 760727   3 2016 761123  13 2016 7705
 LOW   0 2050 760709   1 2050 770106   3 2050 770407  16 2063 770630   8 2063 7710
 LOW  11 2063 790127   0 3064 741031                                  IN 168 SAMPLES
 MID   0 1012 741014   0 1012 741212   0 1012 750223   0 1012 750428   0 1012 7507
 MID   0 1012 760807   0 2016 760517   1 2016 760727   2 2016 761123   0 2016 7705
 MID   0 2050 760709   0 2050 770106   0 2050 770407   0 2063 770630   1 2063 7710
 HI    0 1012 760807   0 2016 760517   0 2016 760727   0 2016 761123   0 2016 7705
 HI    1 2050 760709   0 2050 770106   0 2050 770407   0 2063 770630   0 2063 7710
 HI    0 2063 790127   1 3064 741031
50012501   NEPHTYS
 LOW   1 1012 741014   3 1012 760807                                  IN   7 SAMPLES
 MID   0 1012 741014   2 1012 760807
 HI    0 1012 741014   1 1012 760807
5001250103 NEPHTYS CAECA
 LOW   1 2050 761124   1 2050 770106                                  IN   2 SAMPLES
5001250113 NEPHTYS CALIFORNIENSIS
 MID   1 2016 760517                                                  IN   1 SAMPLES
50012701   GLYCERA   (POLYCHAETA)
 LOW   0 1012 741014   1 2063 770630   1 2063 771018   1 2063 780108  IN   5 SAMPLES
 MID   1 1012 741014   0 2063 770630   0 2063 771018   0 2063 780108
 HI    0 1012 741014   1 2063 770630   0 2063 771018   0 2063 780108
5001270101 GLYCERA CAPITATA
 LOW   1 1012 741014   1 2016 760727                                  IN   2 SAMPLES
5001270201 HEMIPODUS BOREALIS
 LOW   7 1012 741014   5 1012 741212   2 1012 750223   8 1012 750428   8 1012 75070
 LOW   2 1012 760213   3 1012 760514   9 1012 760709   3 1012 760807   1 2016 76072
 LOW   4 2050 761124   3 2050 770106   4 2050 770407   3 2063 770408   8 2063 77063
 LOW   8 2063 780622   2 2063 781019   6 2063 790127   4 3064 740815   0 3064 74103
 MID   4 1012 741014   0 1012 741212   0 1012 750223   0 1012 750428   0 1012 75070
 MID   0 1012 760213   0 1012 760514   3 1012 760709   4 1012 760807   1 2016 76072
 MID   0 2050 761124   1 2050 770106   1 2050 770407   3 2063 770408  11 2063 77063
 MID  11 2063 780622   2 2063 781019   4 2063 790127   0 3064 740815   2 3064 74103
 HI    0 2050 761124   0 2050 770106   0 2050 770407   0 2063 770408   3 2063 77063
 HI    3 2063 780622   0 2063 781019   1 2063 790127   0 3064 740815   0 3064 74103
                                                                      IN 219 SAMPLES
500128     GONIADIDAE
 MID   1 1012 750223   1 2063 770408                                  IN   2 SAMPLES
5001280101 GLYCINDE PICTA
 LOW  13 1012 741014   5 1012 741212   3 1012 750223   7 1012 750428   9 1012 750707
 LOW   2 1012 760213   2 1012 760514   1 1012 760807   1 2016 760517   1 2016 760727
 MID   3 1012 741014   1 1012 741212   1 1012 750223   0 1012 750428   0 1012 750707
 MID   0 1012 760213   0 1012 760514   0 1012 760807   0 2016 760517   1 2016 760727
                                                                      IN   81 SAMPLES
500129     ONUPHIDAE
 LOW   1 2050 770407   0 2063 770408                                  IN   2 SAMPLES
 MID   0 2050 770407   1 2063 770408
50012901   ONUPHIS
 LOW   0 2063 770408   4 2063 770630   2 2063 771018   6 2063 780108   4 2063 780427
 MID   1 2063 770408  15 2063 770630   5 2063 771018  13 2063 780108   5 2063 780427
 HI    0 2063 770408   3 2063 770630   0 2063 771018   2 2063 780108   3 2063 780427
                                                                      IN 132 SAMPLES
5001290103 ONUPHIS IRIDESCENS
 MID   2 2063 770408                                                  IN   2 SAMPLES
5001290106 ONUPHIS STIGMATIS
 LOW   4 2050 760709   4 2050 761124   2 2050 770106   4 2050 770407   2 2063 770408
 MID   0 2050 760709   0 2050 761124   0 2050 770106   0 2050 770407   2 2063 770408
                                                                      IN   18 SAMPLES
500130     EUNICIDAE
 LOW   1 2050 760709                                                  IN   1 SAMPLES
5001300102 EUNICE VALENS
 LOW   1 2050 770407                                                  IN   1 SAMPLES
500131     LUMBRINERIDAE
 LOW   1 2016 761123   1 2050 770106                                  IN   2 SAMPLES
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IN 111 SAMPLES

2 1012 750707	2 1012 750805	1 1012 751105	4 1012 760115	1 1012 760514
2 2050 770407	2 2063 770408	9 2063 771018	14 2063 780108	6 2063 780427
0 1012 750707	1 1012 750805	0 1012 751105	0 1012 760115	0 1012 760514
2 2050 770407	0 2063 770408	3 2063 771018	3 2063 780108	2 2063 780427

IN 22 SAMPLES

IN 14 SAMPLES

1 1012 760807	1 2016 760727	1 2050 760709	1 2063 770408	5 2063 780622
0 1012 760807	0 2016 760727	1 2050 760709	0 2063 770408	0 2063 780622

IN 17 SAMPLES

IN 3 SAMPLES

IN 1 SAMPLES

IN 29 SAMPLES

1 1012 760115	1 2063 770408	0 2063 770630	3 2063 771018	4 2063 780108
0 1012 760115	0 2063 770408	1 2063 770630	2 2063 771018	3 2063 780108
0 1012 760115	0 2063 770408	0 2063 770630	0 2063 771018	1 2063 780108

IN 4 SAMPLES

IN 1 SAMPLES

IN 147 SAMPLES

2 1012 750428	2 1012 751105	1 1012 760115	1 1012 760213	2 1012 760514
1 2050 770407	3 2063 770408	10 2063 770630	7 2063 771018	11 2063 780108
9 2063 790127				
0 2050 770407	2 2063 770408	10 2063 770630	4 2063 771018	9 2063 780108
11 2063 790127				
0 2050 770407	0 2063 770408	0 2063 770630	0 2063 771018	3 2063 780108
2 2063 790127				

IN 2 SAMPLES

IN 11 SAMPLES

6 2063 790127

IN 6 SAMPLES

IN 1 SAMPLES

IN 2 SAMPLES

IN 7 SAMPLES

IN 3 SAMPLES

IN 3 SAMPLES

IN 4 SAMPLES

IN 2 SAMPLES

IN 4 SAMPLES

IN 31 SAMPLES

4 1012 750805	2 1012 760514	1 1012 760709	1 2016 760727	1 2016 770504
2 2063 770408	1 2063 780108	1 2063 780427	0 2063 790127	
0 1012 750805	0 1012 760514	0 1012 760709	0 2016 760727	0 2016 770504
0 2063 770408	0 2063 780108	0 2063 780427	1 2063 790127	
0 2063 770408	0 2063 780108	0 2063 780427	0 2063 790127	

IN 3 SAMPLES

IN 7 SAMPLES

1 1012 760709	1 2063 780622	
0 1012 760709	0 2063 780622	

IN 77 SAMPLES

2 1012 751105	3 1012 760115	2 1012 760213	2 1012 760514	15 1012 760709
3 2016 770117	1 2016 770504	4 2016 770728	1 2016 771113	3 2050 760709
1 2063 770630	1 2063 780427			
0 1012 751105	0 1012 760115	7 1012 760213	0 1012 760514	1 1012 760709
3 2016 770117	0 2016 770504	1 2016 770728	1 2016 771113	0 2050 760709
3 2063 770630	0 2063 780427			
1 2016 770117	0 2016 770504	1 2016 770728	0 2016 771113	0 2050 760709

IN 2 SAMPLES

IN 7 SAMPLES

IN 3 SAMPLES

IN 1 SAMPLES

IN 20 SAMPLES

3 1012 750707	6 1012 750805

IN 1 SAMPLES

IN 22 SAMPLES

1 2050 760709	0 2050 761025	0 2050 770106	4 2050 770407
5 2050 760709	2 2050 761025	3 2050 770106	3 2050 770407
0 2050 760709	0 2050 761025	0 2050 770106	0 2050 770407

IN 1 SAMPLES

IN 3 SAMPLES

IN 3 SAMPLES

IN 3 SAMPLES

1 2050 760709	1 2063 780427
0 2050 760709	0 2063 780427
0 2050 760709	0 2063 780427

IN 10 SAMPLES

IN 60 SAMPLES

4 1012 750805	0 1012 751105	2 1012 760115	1 1012 760213	2 1012 760514
1 2016 770117	2 2016 771113	1 2050 761124	1 2050 770106	1 2050 770407
2 2063 780622	4 2063 781019	3 2063 790127		
1 1012 750805	2 1012 751105	1 1012 760115	1 1012 760213	0 1012 760514

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 MID   0 2016 760517   0 2016 760727   0 2016 761123   0 2016 770117   2 2016 77111
 MID   3 2063 770630   2 2063 771018   1 2063 780108   1 2063 780622   0 2063 78101
  HI   0 2063 770630   1 2063 771018   0 2063 780108   0 2063 780622   0 2063 78101
50014308   BOCCARDIA                                                  IN  37 SAMPLES
 LOW   4 1012 741212   1 1012 750223   6 1012 750707   3 1012 750805   6 1012 75110
 MID   2 1012 741212   0 1012 750223   0 1012 750707   0 1012 750805   5 1012 75110
5001430801 BOCCARDIA COLUMBIANA                                       IN  82 SAMPLES
 LOW   1 1012 741014   3 1012 741212   2 1012 750223   1 1012 750428   2 1012 75070
 LOW  10 2016 771113   0 2016 780206   1 2050 760709   3 2050 770407   1 2063 77063
 LOW   9 2063 790127
 MID   0 1012 741014   2 1012 741212   0 1012 750223   0 1012 750428   0 1012 75070
 MID   8 2016 771113   5 2016 780206   2 2050 760709   0 2050 770407   0 2063 77063
  HI   0 1012 741014   0 1012 741212   0 1012 750223   0 1012 750428   0 1012 75070
  HI   0 2016 771113   0 2016 780206   1 2050 760709   0 2050 770407   0 2063 77063
5001430803 BOCCARDIA PROBOSCIDEA                                      IN   5 SAMPLES
 LOW   0 2063 780108   0 2063 781019   1 2063 790127
 MID   1 2063 780108   1 2063 781019   2 2063 790127
5001430806 BOCCARDIA HAMATA                                           IN   5 SAMPLES
 LOW   1 1012 750428   4 2063 790127
50014310   SPIOPHANES                                                 IN   3 SAMPLES
 LOW   1 1012 760709   0 2063 771018
 MID   0 1012 760709   2 2063 771018
5001431001 SPIOPHANES BOMBYX                                          IN  16 SAMPLES
 LOW   1 1012 750223   1 2016 760727   2 2050 760709   1 2050 761124   2 2050 770106
 LOW   3 2063 790127
 MID   0 1012 750223   0 2016 760727   0 2050 760709   0 2050 761124   0 2050 770106
5001431003 SPIOPHANES CIRRATA                                         IN   2 SAMPLES
 LOW   0 2063 770630   1 2063 790127
  HI   1 2063 770630   0 2063 790127
5001431302 PYGOSPIO ELEGANS                                           IN  28 SAMPLES
 LOW   3 1012 760709   1 2016 761123   0 2016 770117   0 2016 771113   0 2016 780206
 LOW   0 2050 770106   2 2050 770407   0 2063 771018   1 2063 780108   0 2063 780622
 MID   0 1012 760709   0 2016 761123   1 2016 770117   2 2016 771113   1 2016 780206
 MID   4 2050 770106   1 2050 770407   1 2063 771018   1 2063 780108   1 2063 780622
50014314   MALACOCEROS                                                IN   4 SAMPLES
 LOW   2 1012 750805   2 1012 760709
5001431401 MALACOCEROS GLUTAEUS                                       IN  90 SAMPLES
 LOW   0 1012 750805   4 2016 760517   5 2016 760727   4 2016 761123   4 2016 770117
 LOW   0 2016 780206   5 2050 760709   3 2050 761124   2 2050 770106   5 2050 770407
 LOW   4 2063 780108   1 2063 780427   5 2063 780622   1 2063 781019  11 2063 790127
 MID   1 1012 750805   0 2016 760517   2 2016 760727   3 2016 761123   1 2016 770117
 MID   3 2016 780206   0 2050 760709   0 2050 761124   0 2050 770106   0 2050 770407
 MID   3 2063 780108   0 2063 780427   1 2063 780622   0 2063 781019   0 2063 790127
5001431501 PSEUDOPOLYDORA KEMPI                                       IN   1 SAMPLES
 LOW   1 1012 760115
5001431701 PARAPRIONOSPIO PINNATA                                     IN   2 SAMPLES
 LOW   1 1012 750223   1 1012 750707
50014320   SCOLELEPIS                                                 IN   3 SAMPLES
 MID   1 2016 760727   2 2016 770728
5001432001 SCOLELEPIS SQUAMATA                                        IN   5 SAMPLES
 LOW   1 1012 750805   2 2016 770728
 MID   2 1012 750805   0 2016 770728
5001432097 NAME NOT FOUND                                             IN   3 SAMPLES
 LOW   0 2016 761123   1 2016 770504   0 2016 780206
 MID   1 2016 761123   0 2016 770504   1 2016 780206
500150     CIRRATULIDAE                                               IN  48 SAMPLES
 LOW   2 1012 750223   1 1012 750428   1 1012 750707   1 1012 760115   1 1012 760514
 LOW   1 2016 770728   0 2016 771113   2 2050 760709   1 2050 761124   2 2050 770407
 MID   0 1012 750223   0 1012 750428   0 1012 750707   0 1012 760115   0 1012 760514
 MID   0 2016 770728   1 2016 771113   0 2050 760709   0 2050 761124   0 2050 770407
50015001   CIRRATULUS                                                 IN   2 SAMPLES
```

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0 2016 770117   2 2016 771113   0 2050 761124   1 2050 770106   0 2050 770407
1 2063 780622   0 2063 781019   1 2063 790127
0 2063 780622   0 2063 781019   0 2063 790127
        IN  37 SAMPLES
3 1012 750805   6 1012 751105   7 1012 760115   1 2016 760517   1 2063 790127
0 1012 750805   5 1012 751105   1 1012 760115   0 2016 760517   0 2063 790127
        IN  82 SAMPLES
1 1012 750428   2 1012 750707   6 1012 750805   1 2016 760517   9 2016 770728
3 2050 770407   1 2063 770630   0 2063 771018   0 2063 780108   9 2063 780622

0 1012 750428   0 1012 750707   0 1012 750805   1 2016 760517   0 2016 770728
0 2050 770407   0 2063 770630   0 2063 771018   1 2063 780108   2 2063 780622
0 1012 750428   0 1012 750707   0 1012 750805   1 2016 760517   0 2016 770728
0 2050 770407   0 2063 770630   1 2063 771018   0 2063 780108   0 2063 780622
        IN   5 SAMPLES


        IN   5 SAMPLES

        IN   3 SAMPLES


        IN  16 SAMPLES
1 2050 761124   2 2050 770106   3 2050 770407   1 2063 770408   1 2063 770630

0 2050 761124   0 2050 770106   0 2050 770407   0 2063 770408   1 2063 770630
        IN   2 SAMPLES


        IN  28 SAMPLES
0 2016 771113   0 2016 780206   2 2050 760709   0 2050 761025   2 2050 761124
1 2063 780108   0 2063 780622
2 2016 771113   1 2016 780206   3 2050 760709   2 2050 761025   0 2050 761124
1 2063 780108   1 2063 780622
        IN   4 SAMPLES


        IN  90 SAMPLES
4 2016 761123   4 2016 770117   1 2016 770504   3 2016 770728   4 2016 771113
2 2050 770106   5 2050 770407   1 2063 770408   1 2063 770630   2 2063 771018
1 2063 781019  11 2063 790127
3 2016 761123   1 2016 770117   0 2016 770504   4 2016 770728   4 2016 771113
0 2050 770106   0 2050 770407   0 2063 770408   0 2063 770630   2 2063 771018
0 2063 781019   0 2063 790127
        IN   1 SAMPLES

        IN   2 SAMPLES

        IN   3 SAMPLES

        IN   5 SAMPLES


        IN   3 SAMPLES


        IN  48 SAMPLES
1 1012 760115   1 1012 760514   0 2016 760727   1 2016 761123   1 2016 770504
1 2050 761124   2 2050 770407   3 2063 770408   7 2063 770630  10 2063 780108
) 1012 760115   0 1012 760514   1 2016 760727   0 2016 761123   0 2016 770504
) 2050 761124   0 2050 770407   1 2063 770408   3 2063 770630   8 2063 780108
        IN   2 SAMPLES
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 LOW   2 1012 750223
5001500101 CIRRATULUS CIRRATUS
 LOW  10 1012 741014   3 1012 741212   5 1012 750223   6 1012 750428   7 1
 LOW   2 1012 760213   4 1012 760514   1 1012 760709   2 1012 760807   4 2
 LOW   5 2016 770504   5 2016 770728   0 2016 771113   0 2016 780206   1 2
 LOW  15 2063 770630   7 2063 771018   9 2063 780108   5 2063 780427  13 2
 MID   0 1012 741014   1 1012 741212   1 1012 750223   0 1012 750428   0 1
 MID   0 1012 760213   0 1012 760514   0 1012 760709   0 1012 760807   2 2
 MID   5 2016 770504   4 2016 770728   1 2016 771113   2 2016 780206   0 2
 MID   7 2063 770630   3 2063 771018   5 2063 780108   1 2063 780427   9 2
 HI    0 2063 770630   0 2063 771018   0 2063 780108   1 2063 780427   2 2
5001500109 CIRRATULUS SPECTABILIS
 LOW   1 1012 750805                                                IN   1 SAMPL
50015002   CAULLERIELLA
 LOW   1 2063 770408   4 2063 770630                                IN   5 SAMPL
50015003   THARYX
 LOW   2 1012 741014   0 1012 741212   2 2063 770630   1 2063 780108
 MID   0 1012 741014   1 1012 741212   3 2063 770630   0 2063 780108
5001500302 THARYX MULTIFILIS                                        IN   9 SAMPLI
 LOW   0 2016 760727   1 2050 761124   1 2050 770106   2 2050 770407   0 3(
 MID   2 2016 760727   0 2050 761124   0 2050 770106   0 2050 770407   0 3(
 HI    0 2016 760727   0 2050 761124   0 2050 770106   0 2050 770407   1 3(
50015004   CHAETOZONE                                               IN   8 SAMPLI
 LOW   0 1012 760115   6 2063 770630  12 2063 771018   2 2063 780108   6 2(
 MID   1 1012 760115   1 2063 770630   4 2063 771018   0 2063 780108   3 2(
 HI    0 1012 760115   0 2063 770630   1 2063 771018   0 2063 780108   0 2(
5001500401 CHAETOZONE SETOSA                                        IN 108 SAMPLE
 LOW   1 1012 741212   1 2063 770408                                IN   2 SAMPLE
50015005   DODECACERIA
 LOW   1 1012 741212                                                IN   1 SAMPLE
5001500502 DODECACERIA FEWKESI
 LOW   1 1012 750707                                                IN   1 SAMPLE
50015101   ACROCIRRUS
 LOW   0 2063 780622   1 2063 790127                                IN   3 SAMPLE
 MID   2 2063 780622   0 2063 790127
5001570101 SCALIBREGMA INFLATUM
 MID   1 2063 790127                                                IN   1 SAMPLE
5001580101 AMMOTRYPANE AULOGASTER
 LOW   1 1012 741014                                                IN   1 SAMPLE
50015802   ARMANDIA
 LOW   1 2063 781019                                                IN   3 SAMPLE
 MID   2 2063 781019
5001580202 ARMANDIA BREVIS                                          IN 142 SAMPLES
 LOW  13 1012 741014   7 1012 741212   3 1012 750223   6 1012 750428   0 101
 LOW   2 1012 760514   8 1012 760709   3 1012 760807   3 2016 760517   4 201
 LOW   6 2016 770728   3 2016 771113   2 2050 770407   2 2063 770408   2 206
 LOW   2 3064 740815
 MID   3 1012 741014   3 1012 741212   1 1012 750223   0 1012 750428   1 101
 MID   0 1012 760514   0 1012 760709   2 1012 760807   0 2016 760517   1 201
 MID   0 2016 770728   2 2016 771113   0 2050 770407   0 2063 770408   1 206
 HI    1 1012 760514   0 1012 760709   0 1012 760807   0 2016 760517   0 201
 HI    0 2016 770728   0 2016 771113   0 2050 770407   0 2063 770408   1 206
5001580301 OPHELIA LIMACINA                                         IN   1 SAMPLES
 LOW   1 2050 760709
5001580401 TRAVISIA BREVIS                                          IN   1 SAMPLES
 MID   1 2063 780622
500160     CAPITELLIDAE                                             IN  63 SAMPLES
 LOW   8 1012 741014   4 1012 741212   6 1012 750223.   8 1012 750428   7 1012
 LOW   5 2063 770630   3 2063 780108
 MID   0 1012 741014   0 1012 741212   1 1012 750223   0 1012 750428   2 1012
 MID   0 2063 770630   1 2063 780108
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        IN 216 SAMPLES
 6 1012 750428    7 1012 750707    7 1012 750805    4 1012 751105    9 1012 760115
 2 1012 760807    4 2016 760517    6 2016 760727    4 2016 761123    4 2016 770117
 0 2016 780206    1 2050 761124    1 2050 770106    1 2050 770407    4 2063 770408
 3 2063 780427   13 2063 780622    4 2063 781019   11 2063 790127
 0 1012 750428    0 1012 750707    1 1012 750805    0 1012 751105    0 1012 760115
 0 1012 760807    2 2016 760517    3 2016 760727    2 2016 761123    3 2016 770117
 2 2016 780206    0 2050 761124    0 2050 770106    0 2050 770407    2 2063 770408
 1 2063 780427    9 2063 780622    0 2063 781019    2 2063 790127
 1 2063 780427    2 2063 780622    0 2063 781019    0 2063 790127
        IN   1 SAMPLES

        IN   5 SAMPLES

        IN   9 SAMPLES
 1 2063 780108
 0 2063 780108
        IN   8 SAMPLES
 2 2050 770407    0 3064 740815    0 3064 750807
 0 2050 770407    0 3064 740815    0 3064 750807
 0 2050 770407    1 3064 740815    1 3064 750807
        IN 108 SAMPLES
 2 2063 780108    6 2063 780427   27 2063 780622    4 2063 781019   20 2063 790127
 0 2063 780108    3 2063 780427    8 2063 780622    2 2063 781019    7 2063 790127
 0 2063 780108    0 2063 780427    1 2063 780622    1 2063 781019    2 2063 790127
        IN   2 SAMPLES

        IN   1 SAMPLES

        IN   1 SAMPLES

        IN   3 SAMPLES


        IN   1 SAMPLES

        IN   1 SAMPLES

        IN   3 SAMPLES


        IN 142 SAMPLES
 6 1012 750428    0 1012 750707   13 1012 750805    8 1012 751105    6 1012 760115
 3 2016 760517    4 2016 760727    3 2016 761123    4 2016 770117    0 2016 770504
 2 2063 770408    2 2063 771018    6 2063 780108    5 2063 780622    3 2063 790127

 0 1012 750428    1 1012 750707    1 1012 750805    5 1012 751105    0 1012 760115
 0 2016 760517    1 2016 760727    1 2016 761123    0 2016 770117    1 2016 770504
 0 2063 770408    1 2063 771018    0 2063 780108    2 2063 780622    1 2063 790127
 0 2016 760517    0 2016 760727    0 2016 761123    0 2016 770117    0 2016 770504
 0 2063 770408    1 2063 771018    0 2063 780108    0 2063 780622    1 2063 790127
        IN   1 SAMPLES

        IN   1 SAMPLES

        IN  63 SAMPLES
 8 1012 750428    7 1012 750707    8 1012 750805    1 2016 760727    3 2063 770408

 0 1012 750428    2 1012 750707    4 1012 750805    0 2016 760727    1 2063 770408
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 HI    0 2063 770630   1 2063 780108
50016001   CAPITELLA
 LOW   1 2063 770408                                                    IN   1 SAMPLES
5001600101 CAPITELLA CAPITATA
 LOW   2 1012 741014   1 1012 741212   3 1012 750223   1 1012 750428   1 1012 750
 LOW   2 1012 760213   1 1012 760709   0 1012 760807   4 2016 760517   6 2016 760
 LOW   9 2016 770728   4 2016 771113   0 2016 780206   0 2050 760709   2 2050 761
 LOW   1 2063 770630   6 2063 771018   3 2063 780108   3 2063 780427  11 2063 780
 MID   0 1012 741014   0 1012 741212   0 1012 750223   0 1012 750428   1 1012 750
 MID   1 10   760213   0 1012 760709   3 1012 760807   0 2016 760517   3 2016 760
 MID   5 2016 770728   4 2016 771113   4 2016 780206   0 2050 760709   0 2050 761
 MID   0 2063 770630   2 2063 771018   1 2063 780108   2 2063 780427   4 2063 780
 HI    1 1012 741014   0 1012 741212   0 1012 750223   0 1012 750428   0 1012 750
 HI    0 1012 760213   0 1012 760709   0 1012 760807   0 2016 760517   0 2016 760
 HI    0 2016 770728   0 2016 771113   0 2016 780206   2 2050 760709   0 2050 761
 HI    0 2063 770630   0 2063 771018   1 2063 780108   0 2063 780427   0 2063 780
50016002    HETEROMASTUS
 LOW   4 1012 750707                                                    IN   4 SAMPLES
50016003    NOTOMASTUS
 LOW   6 1012 741014   1 1012 741212   3 1012 750223   6 1012 750428   7 1012 750
 MID   0 1012 741014   0 1012 741212   0 1012 750223   0 1012 750428   0 1012 750
5001600302 NOTOMASTUS TENUIS                                           IN 110 SAMPLES
 LOW   9 1012 741014   5 1012 741212   3 1012 750223   8 1012 750428   8 1012 7507
 LOW   3 1012 760213   3 1012 760514   7 1012 760709   2 1012 760807   3 2016 7611
 LOW   1 2050 770407   4 2063 770630   4 2063 771018   3 2063 780622
 MID   4 1012 741014   1 1012 741212   0 1012 750223   0 1012 750428   0 1012 7507
 MID   0 1012 760213   1 1012 760514   1 1012 760709   2 1012 760807   0 2016 7611
 MID   0 2050 770407   2 2063 770630   0 2063 771018   1 2063 780622
 HI    0 1012 741014   1 1012 741212   0 1012 750223   0 1012 750428   0 1012 7507
5001600303 NOTOMASTUS LINEATUS                                         IN   4 SAMPLES
 LOW   2 1012 750223   1 1012 750707
 MID   1 1012 750223   0 1012 750707
50016004    MEDIOMASTUS
 LOW  11 1012 741014   4 1012 741212   4 1012 750223   7 1012 750428   1 1012 7507
 LOW   2 1012 760213   3 1012 760514   5 1012 760709   2 1012 760807   1 2016 7605
 LOW   3 2016 770504   3 2016 770728   0 2016 771113   0 2050 760709   1 2050 7704
 MID   0 1012 741014   1 1012 741212   1 1012 750223   1 1012 750428   0 1012 7507
 MID   0 1012 760213   0 1012 760514   1 1012 760709   1 1012 760807   0 2016 7605
 MID   1 2016 770504   0 2016 770728   1 2016 771113   0 2050 760709   0 2050 7704
 HI    0 1012 741014   1 1012 741212   0 1012 750223   0 1012 750428   0 1012 7507
 HI    0 1012 760213   1 1012 760514   0 1012 760709   0 1012 760807   0 2016 7605
 HI    0 2016 770504   0 2016 770728   0 2016 771113   1 2050 760709   0 2050 7704
5001600401 MEDIOMASTUS AMBISETA                                        IN  15 SAMPLES
 LOW   1 2063 771018   3 2063 780108   2 2063 780427   1 2063 780622   3 2063 7901
 MID   0 2063 771018   0 2063 780108   1 2063 780427   1 2063 780622   2 2063 7901
5001600501 DECAMASTUS GRACILIS                                         IN   1 SAMPLES
 LOW   1 2050 760709
500162      ARENICOLIDAE                                               IN  26 SAMPLES
 LOW   1 1012 760514   2 2016 760727   1 2016 761123   0 2016 770117   6 2016 7705
 LOW   0 2050 760709   1 2050 761124   1 2050 770407
 MID   0 1012 760514   0 2016 760727   0 2016 761123   2 2016 770117   3 2016 7705
 MID   1 2050 760709   0 2050 761124   0 2050 770407
50016201    ABARENICOLA                                                IN   7 SAMPLES
 LOW   1 1012 760115   1 2016 760727   0 2016 770504   0 2016 770728   0 2016 7711
 MID   0 1012 760115   1 2016 760727   2 2016 770504   1 2016 770728   1 2016 7711
5001620101 ABARENICOLA CLAPAREDI                                       IN   1 SAMPLES
 LOW   1 3064 740815
5001620102 ABARENICOLA PACIFICA                                        IN   6 SAMPLES
 LOW   3 2016 760517   0 2016 761123   0 2016 771113   0 2016 780206
 MID   0 2016 760517   1 2016 761123   1 2016 771113   1 2016 780206
50016203    BRANCHIOMALDANE                                            IN   4 SAMPLES
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        IN   1 SAMPLES

        IN 148 SAMPLES
 1 1012 750428    1 1012 750707    2 1012 750805    0 1012 751105    2 1012 760115
 4 2016 760517    6 2016 760727    4 2016 761123    5 2016 770117    7 2016 770504
 0 2050 760709    2 2050 761124    2 2050 770106    3 2050 770407    1 2063 770408
 3 2063 780427   11 2063 780622    9 2063 790127    0 3064 740815
 0 1012 750428    1 1012 750707    0 1012 750805    0 1012 751105    0 1012 760115
 0 2016 760517    3 2016 760727    4 2016 761123    4 2016 770117    5 2016 770504
 0 2050 760709    0 2050 761124    0 2050 770106    1 2050 770407    0 2063 770408
 2 2063 780427    4 2063 780622    2 2063 790127    0 3064 740815
 0 1012 750428    0 1012 750707    0 1012 750805    1 1012 751105    0 1012 760115
 0 2016 760517    0 2016 760727    1 2016 761123    0 2016 770117    0 2016 770504
 2 2050 760709    0 2050 761124    0 2050 770106    0 2050 770407    0 2063 770408
 0 2063 780427    0 2063 780622    0 2063 790127    1 3064 740815
        IN   4 SAMPLES

        IN  35 SAMPLES
 6 1012 750428    7 1012 750707    4 1012 750805    1 2050 770407    2 2063 780108
 0 1012 750428    0 1012 750707    1 1012 750805    0 2050 770407    4 2063 780108
        IN 110 SAMPLES
 8 1012 750428    8 1012 750707    9 1012 750805    5 1012 751105   10 1012 760115
 2 1012 760807    3 2016 761123    0 2016 771113    2 2050 760709    1 2050 770106
 3 2063 780622
 0 1012 750428    0 1012 750707    3 1012 750805    1 1012 751105    0 1012 760115
 2 1012 760807    0 2016 761123    1 2016 771113    2 2050 760709    0 2050 770106
 1 2063 780622
 0 1012 750428    0 1012 750707    0 1012 750805    0 1012 751105    0 1012 760115
        IN   4 SAMPLES


        IN  96 SAMPLES
 7 1012 750428    1 1012 750707    9 1012 750805    5 1012 751105    9 1012 760115
 2 1012 760807    1 2016 760517    1 2016 760727    1 2016 761123    0 2016 770117
 0 2050 760709    1 2050 770407    1 2063 770408    6 2063 770630
 1 1012 750428    0 1012 750707    2 1012 750805    2 1012 751105    0 1012 760115
 1 1012 760807    0 2016 760517    1 2016 760727    0 2016 761123    1 2016 770117
 0 2050 760709    0 2050 770407    0 2063 770408    1 2063 770630
 0 1012 750428    0 1012 750707    0 1012 750805    0 1012 751105    0 1012 760115
 0 1012 760807    0 2016 760517    0 2016 760727    0 2016 761123    0 2016 770117
 1 2050 760709    0 2050 770407    0 2063 770408    0 2063 770630
        IN  15 SAMPLES
 1 2063 780622    3 2063 790127    1 3064 750624
 1 2063 780622    2 2063 790127    0 3064 750624
        IN   1 SAMPLES

        IN  26 SAMPLES
 1 2016 770117    6 2016 770504    3 2016 770728    3 2016 771113    0 2016 780206
 1 2016 770117    3 2016 770504    0 2016 770728    1 2016 771113    1 2016 780206
        IN   7 SAMPLES
 2016 770728    0 2016 771113
 2016 770728    1 2016 771113
        IN   1 SAMPLES

        IN   6 SAMPLES
 2016 780206
 2016 780206
        IN   4 SAMPLES
```

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 LOW   1 2063 770408   2 2063 770630
 MID   0 2063 770408   1 2063 770630
5001620301 BRANCHIOMALDANE VICENTE
 LOW   5 2063 771018   7 2063 780108   3 2063 780427   3 2063 780622   1 2063 781   IN  37 SAMPLES
 MID   2 2063 771018   0 2063 780108   1 2063 780427   2 2063 780622   0 2063 781
 HI    0 2063 771018   0 2063 780108   0 2063 780427   1 2063 780622   0 2063 781
500163    MALDANIDAE
 LOW   1 1012 750223   1 2063 790127                                    IN   3 SAMPLES
 MID   0 1012 750223   1 2063 790127
5001630502 NICOMACHE PERSONATA
 LOW   1 1012 750223   1 1012 750707                                    IN   2 SAMPLES
5001630802 AXIOTHELLA RUBROCINCTA
 LOW   1 2063 770408   1 2063 780108   1 2063 780622                    IN   3 SAMPLES
5001640102 OWENIA FUSIFORMIS
 LOW   1 1012 741014   3 1012 750223   2 1012 750428   1 1012 750805   0 2016 760   IN  12 SAMPLES
 MID   0 1012 741014   0 1012 750223   0 1012 750428   0 1012 750805   1 2016 760
5001650102 IDANTHYRSUS ARMATUS
 LOW   1 1012 751105                                                   IN   1 SAMPLES
5001650201 SABELLARIA CEMENTARIUM
 LOW   1 1012 741014   1 2016 760727   1 2063 780622                    IN   3 SAMPLES
5001660202 CISTENIDES GRANULATA
 LOW   1 1012 760115                                                   IN   1 SAMPLES
5001670201 AMPHARETE ARCTICA
 LOW   1 1012 750805   0 2016 770117   1 2063 770408                    IN   3 SAMPLES
 MID   0 1012 750805   1 2016 770117   0 2063 770408
500168    TEREBELLIDAE
 LOW   1 1012 750223   1 1012 750707   1 2016 770728   2 2016 771113   1 2050 7607   IN  96 SAMPLES
 LOW   3 2063 770408  18 2063 770630   2 2063 771018   9 2063 780108   7 2063 7804
 MID   2 2063 770408   8 2063 770630   3 2063 771018   2 2063 780108   2 2063 7804
 HI    0 2063 770408   2 2063 770630   0 2063 771018   1 2063 780108   1 2063 7804
5001680601 NICOLEA ZOSTERICOLA
 LOW   2 2063 780427  29 2063 780622   2 2063 790127                    IN  33 SAMPLES
5001680701 PISTA CRISTATA
 LOW   5 2063 780622   2 2063 790127                                    IN   7 SAMPLES
5001680702 PISTA FASCIATA
 LOW   1 1012 741014                                                   IN   1 SAMPLES
50016808   POLYCIRRUS
 LOW   1 1012 741212                                                   IN   1 SAMPLES
5001680803 POLYCIRRUS KERGUELENSIS
 LOW   1 1012 760115   0 2063 780108   1 2063 780622   1 2063 781019   3 2063 79012   IN  17 SAMPLES
 MID   0 1012 760115   0 2063 780108   4 2063 780622   0 2063 781019   4 2063 79012
 HI    0 1012 760115   1 2063 780108   1 2063 780622   0 2063 781019   1 2063 79012
50016810   THELEPUS
 LOW  21 2063 770630   2 2063 771018                                    IN  23 SAMPLES
5001681001 THELEPUS CRISPUS
 LOW   4 2063 770408   1 2063 770630  13 2063 771018  14 2063 780108   ↳ 2063 78042   IN 138 SAMPLES
 LOW   1 3064 750624
 MID   0 2063 770408   1 2063 770630   0 2063 771018   2 2063 780108   2 2063 78042
 HI    0 2063 770408   0 2063 770630   0 2063 771018   0 2063 780108   0 2063 78042
50016812   ARTACAMELLA
 LOW   1 2063 781019                                                   IN   1 SAMPLES
50016825   STREBLOSOMA
 LOW   1 1012 750223                                                   IN   1 SAMPLES
500170    SABELLIDAE
 LOW   0 1012 750707   6 2016 760727   4 2016 761123   7 2016 770117   3 2016 770504   IN  41 SAMPLES
 LOW   0 2063 771018   3 2063 780622   3 2063 790127
 MID   1 1012 750707   0 2016 760727   0 2016 761123   0 2016 770117   0 2016 770504
 MID   1 2063 771018   3 2063 780622   0 2063 790127
50017001   CHONE
 LOW   1 2016 770117  11 2063 780622   2 2063 790127                    IN  14 SAMPLES
5001700105 CHONE ECAUDATA                                              IN   3 SAMPLES
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                    IN  37 SAMPLES
780427   3 2063 780622    1 2063 781019   10 2063 790127
780427   2 2063 780622    0 2063 781019    2 2063 790127
780427   1 2063 780622    0 2063 781019    0 2063 790127
                    IN   3 SAMPLES


                    IN   2 SAMPLES

                    IN   3 SAMPLES
780622

                    IN  12 SAMPLES
750428   1 1012 750805    0 2016 760727    0 2016 780206    1 2063 790127
750428   0 1012 750805    1 2016 760727    2 2016 780206    1 2063 790127
                    IN   1 SAMPLES

                    IN   3 SAMPLES
780622

                    IN   1 SAMPLES

                    IN   3 SAMPLES
770408
770408

                    IN  96 SAMPLES
770728   2 2016 771113    1 2050 760709    1 2050 761124    1 2050 770106    5 2050 770407
771018   9 2063 780108    7 2063 780427    3 2063 780622    1 2063 781019   15 2063 790127
771018   2 2063 780108    2 2063 780427    0 2063 780622    1 2063 781019    2 2063 790127
771018   1 2063 780108    1 2063 780427    1 2063 780622    0 2063 781019    0 2063 790127
                    IN  33 SAMPLES
790127

                    IN   7 SAMPLES

                    IN   1 SAMPLES

                    IN   1 SAMPLES

                    IN  17 SAMPLES
780622   1 2063 781019    3 2063 790127
780622   0 2063 781019    4 2063 790127
780622   0 2063 781019    1 2063 790127
                    IN  23 SAMPLES

                    IN 138 SAMPLES
771018  14 2063 780108    9 2063 780427   53 2063 780622    4 2063 781019   25 2063 790127
771018   2 2063 780108    2 2063 780427    8 2063 780622    2 2063 781019    1 2063 790127
771018   0 2063 780108    0 2063 780427    1 2063 780622    0 2063 781019    0 2063 790127
                    IN   1 SAMPLES

                    IN   1 SAMPLES

                    IN  41 SAMPLES
761123   7 2016 770117    3 2016 770504    6 2016 770728    2 2050 761124    2 2050 770407
790127
761123   0 2016 770117    0 2016 770504    0 2016 770728    0 2050 761124    0 2050 770407
790127

                    IN  14 SAMPLES
790127

                    IN   3 SAMPLES
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 LOW   2 2016 770504   1 2016 770728
5001700303 EUDISTYLIA VANCOUVERI
 LOW   2 2063 780622   1 2063 790127                                   IN   3 SAMPLES
50017006   POTAMILLA
 LOW   1 2063 780108                                                   IN   1 SAMPLES
5001700698 NAME NOT FOUND
 LOW   1 2016 760727                                                   IN   1 SAMPLES
5001700702 PSEUDOPOTAMILLA OCCELATA
 LOW  13 2063 780622                                                   IN  13 SAMPLES
50017008   SABELLA
 LOW   1 2016 770504                                                   IN   1 SAMPLES
5001700902 SCHIZOBRANCHIA INSIGNIS
 LOW   0 1012 741212   1 1012 760115  0 1012 760709   1 1012 760807   IN  22 SAMPLES
 LOW   3 2016 770728   1 2016 771113  2 2050 761124   1 2063 780108    1 2016 76
 MID   1 1012 741212   0 1012 760115  1 1012 760709   0 1012 760807    3 2063 79
50017013   FABRICIA                                                    0 2016 76
 LOW   1 2016 760727   0 2016 770728                                   IN   2 SAMPLES
 MID   0 2016 760727   1 2016 770728
5001701301 FABRICIA SABELLA
 LOW   3 2016 760727   1 2016 761123  2 2016 770117  12 2016 770504   IN  88 SAMPLES
 LOW   2 2050 770407  25 2063 780622  7 2063 790127                    14 2016 77
 MID   0 2016 760727   0 2016 761123  0 2016 770117   1 2016 770504
 MID   0 2050 770407   2 2063 780622  0 2063 790127                    4 2016 77
5001701401 LAONOME KROYERI
 LOW   1 2063 770630                                                   IN   1 SAMPLES
5001701599 NAME NOT FOUND
 LOW   3 2016 760517   1 2016 761123                                   IN   4 SAMPLES
50017021   SABELLASTARTE
 LOW   1 2016 770504                                                   IN   1 SAMPLES
50017305   SPIRORBIS
 LOW   0 1012 741212   1 1012 750223  1 1012 750707   1 2050 760709   IN   4 SAMPLES
 MID   1 1012 741212   0 1012 750223  0 1012 750707   0 2050 760709
3002       ARCHIANNELIDA
 LOW   1 2063 780108                                                   IN   2 SAMPLES
 MID   1 2063 780108
500702     PROTODRILIDAE
 HI    1 1012 751105                                                   IN   1 SAMPLES
50020201   PROTODRILUS
 LOW   1 1012 741014   0 1012 741212  2 1012 750428   0 1012 750707   IN   6 SAMPLES
 MID   1 1012 741014   1 1012 741212  0 1012 750428   1 1012 750707
5002020101 PROTODRILUS FLABELLIGER
 MID   1 2063 780108   0 2063 780427                                   IN   2 SAMPLES
 HI    0 2063 780108   1 2063 780427
500204     SACCOCIRRIDAE
 LOW   0 2016 780206   8 2063 780622  4 2063 781019  12 2063 790127   IN  53 SAMPLES
 MID   1 2016 780206   9 2063 780622  1 2063 781019  12 2063 790127
 HI    0 2016 780206   3 2063 780622  0 2063 781019   3 2063 790127
50020401   SACCOCIRRUS
 LOW   3 3064 740815                                                   IN   4 SAMPLES
 MID   1 3064 740815
5002040101 SACCOCIRRUS EROTICUS
 LOW   3 2063 770408   6 2063 770630  2 2063 771018  10 2063 780108   IN  61 SAMPLES
 MID   1 2063 770408   9 2063 770630  4 2063 771018   7 2063 780108    3 2063 780
 HI    0 2063 770408   2 2063 770630  0 2063 771018   0 2063 780108    4 2063 780
50020499   NAME NOT FOUND                                              0 2063 780
 MID   1 2016 770504                                                   IN   1 SAMPLES
50020501   POLYGORDIUS
 LOW   3 2063 780622   0 2063 790127                                   IN   4 SAMPLES
 MID   0 2063 780622   1 2063 790127
5004       OLIGOCHAETA
 LOW  11 1012 741014   6 1012 741212  7 1012 750223   8 1012 750428   IN 487 SAMPLES
                                                                       6 1012 750
```

IN 3 SAMPLES

IN 1 SAMPLES

IN 1 SAMPLES

IN 13 SAMPLES

IN 1 SAMPLES

IN 22 SAMPLES
1012 760807 1 2016 760517 3 2016 761123 3 2016 770117 1 2016 770504
2063 780108 3 2063 790127
1012 760807 0 2016 760517 0 2016 761123 0 2016 770117 0 2016 770504
IN 2 SAMPLES

IN 88 SAMPLES
2016 770504 14 2016 770728 5 2016 771113 0 2016 780206 1 2050 760709
2016 770504 4 2016 770728 7 2016 771113 2 2016 780206 0 2050 760709

IN 1 SAMPLES

IN 4 SAMPLES

IN 1 SAMPLES

IN 4 SAMPLES
2050 760709
2050 760709
IN 2 SAMPLES

IN 1 SAMPLES

IN 6 SAMPLES
1012 750707
1012 750707
IN 2 SAMPLES

IN 53 SAMPLES
2063 790127
2063 790127
2063 790127
IN 4 SAMPLES

IN 61 SAMPLES
2063 780108 3 2063 780427 0 3064 741227 2 3064 750426 4 3064 750624
2063 780108 4 2063 780427 2 3064 741227 1 3064 750426 0 3064 750624
2063 780108 0 2063 780427 0 3064 741227 0 3064 750426 1 3064 750624
IN 1 SAMPLES

IN 4 SAMPLES

IN 487 SAMPLES
1012 750428 6 1012 750707 8 1012 750805 2 1012 751105 1 1012 760115

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     LOW    2 1012 760213    3 1012 760514    7 1012 760709    0 1012 760807    3 2016 7605
     LOW    7 2016 770504    1 2016 770728    2 2016 771113    0 2016 780206    0 2050 7604
     LOW    2 2050 770106    5 2050 770407    4 2063 770408   13 2063 770630    9 2063 7710
     LOW    5 2063 781019   21 2063 790127    3 3064 740815    0 3064 741031    0 3064 7412
     MID    5 1012 741014    7 1012 741212    6 1012 750223    4 1012 750428    5 1012 7507
     MID    5 1012 760213    2 1012 760514    7 1012 760709    3 1012 760807    4 2016 7605
     MID    3 2016 770504    4 2016 770728    5 2016 771113    2 2016 780206    1 2050 7604
     MID    6 2050 770106    3 2050 770407    3 2063 770408   11 2063 770630    4 2063 7710
     MID    4 2063 781019   10 2063 790127    2 3064 740815    2 3064 741031    1 3064 7412
     HI     3 1012 741014    5 1012 741212    2 1012 750223    0 1012 750428    2 1012 7507
     HI     5 1012 760213    3 1012 760514    2 1012 760709    3 1012 760807    3 2016 7605
     HI     1 2016 770504    2 2016 770728    1 2016 771113    2 2016 780206    4 2050 7604
     HI     4 2050 770106    4 2050 770407    0 2063 770408    4 2063 770630    4 2063 7710
     HI     3 2063 781019    6 2063 790127    3 3064 740815    5 3064 741031    1 3064 7412
500901      ENCHYTRAEIDAE                                                       IN    1 SAMPLES
     HI     1 1012 751105
500902      TUBIFICIDAE                                                         IN    5 SAMPLES
     LOW    1 1012 760115
     MID    2 1012 760115
     HI     2 1012 760115
5012        HIRUDINEA                                                           IN    5 SAMPLES
     LOW    1 2016 770117    1 2016 770728    2 2063 780622    1 2063 790127
51          GASTROPODA                                                          IN    8 SAMPLES
     LOW    1 1012 741014    2 1012 741212    1 1012 750428    1 1012 751105    2 2016 77072
     HI     0 1012 741014    0 1012 741212    0 1012 750428    0 1012 751105    1 2016 77072
5102        ARCHAEOGASTROPODA                                                   IN    1 SAMPLES
     LOW    1 2016 760727
510205      ACMAEIDAE                                                           IN  280 SAMPLES
     LOW   13 1012 741014   10 1012 741212   11 1012 750223   15 1012 750428    6 1012 75070
     LOW    2 1012 760514   13 1012 760709    4 1012 760807    6 2016 760727    3 2016 76112
     LOW    2 2016 771113    0 2016 780206    0 2050 761025    2 2050 761124   10 2050 77010
     LOW    1 2063 771018    1 2063 780108    7 2063 780427    3 2063 781019    7 2063 79012
     MID    3 1012 741014    3 1012 741212    1 1012 750223    1 1012 750428    0 1012 75070
     MID    3 1012 760514    2 1012 760709    1 1012 760807    4 2016 760727    1 2016 76112
     MID    6 2016 771113   10 2016 780206    3 2050 761025    0 2050 761124   10 2050 77010
     MID    2 2063 771018    5 2063 780108    8 2063 780427    0 2063 781019    3 2063 79012
     HI     0 1012 741014    1 1012 741212    1 1012 750223    0 1012 750428    0 1012 75070
     HI     0 2016 771113    0 2016 780206    1 2050 761025    0 2050 761124    2 2050 77010
     HI     1 2063 771018    0 2063 780108    0 2063 780427    0 2063 781019    0 2063 79012
5102050l    TECTURA                                                             IN    1 SAMPLES
     MID    1 2050 760709
5102050103 ACMAEA MITRA                                                         IN    1 SAMPLES
     LOW    1 2063 780108
51020502    COLLISELLA                                                          IN   61 SAMPLES
     LOW    2 1012 741212    3 1012 750223    6 1012 750428   12 1012 750707    9 1012 75080
     LOW    0 2050 760709    2 2050 770407
     MID    0 1012 741212    1 1012 750223    1 1012 750428    1 1012 750707    0 1012 75080
     MID    1 2050 760709    0 2050 770407
     HI     0 2050 760709    1 2050 770407
5102050201 COLLISELLA PELTA                                                     IN  227 SAMPLES
     LOW   11 1012 741014    3 1012 741212    2 1012 750428    7 1012 750805    3 1012 75110
     LOW   10 1012 760709    2 1012 760807    4 2016 760517    6 2016 760727    2 2016 76112
     LOW    0 2016 771113    0 2016 780206    0 2050 760419    6 2050 760709    0 2050 76102
     LOW    2 2063 770408    4 2063 770630    0 2063 780108    1 2063 780427    0 2063 78062
     MID    6 1012 741014    7 1012 741212    0 1012 750428    1 1012 750805    3 1012 75110
     MID    6 1012 760709    6 1012 760807    4 2016 760517    4 2016 760727    2 2016 76112
     MID    7 2016 771113   10 2016 780206    1 2050 760419    7 2050 760709    2 2050 76102
     MID    1 2063 770408    7 2063 770630    1 2063 780108    2 2063 780427    8 2063 78062
     HI     0 2016 771113    0 2016 780206    0 2050 760419    1 2050 760709    0 2050 76102
     HI     0 2063 770408    0 2063 770630    0 2063 780108    0 2063 780427    1 2063 78062
5102050202 COLLISELLA DIGITALIS                                                 IN   45 SAMPLES
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 0 1012 760807    3 2016 760517    3 2016 760727    2 2016 761123    2 2016 770117
 0 2016 780206    0 2050 760419    6 2050 760709    0 2050 761025    3 2050 761124
13 2063 770630    9 2063 771018   14 2063 780108    6 2063 780427   22 2063 780622
 0 3064 741031    0 3064 741227    1 3064 750426    0 3064 750624    0 3064 750807
 4 1012 750428    5 1012 750707    5 1012 750805    4 1012 751105    0 1012 760115
 3 1012 760807    4 2016 760517    2 2016 760727    4 2016 761123    3 2016 770117
 2 2016 780206    1 2050 760419    8 2050 760709    3 2050 761025    0 2050 761124
11 2063 770630    4 2063 771018   10 2063 780108    4 2063 780427   11 2063 780622
 2 3064 741031    1 3064 741227    2 3064 750426    2 3064 750624    5 3064 750807
 0 1012 750428    2 1012 750707    3 1012 750805    5 1012 751105    0 1012 760115
 3 1012 760807    3 2016 760517    6 2016 760727    2 2016 761123    2 2016 770117
 2 2016 780206    4 2050 760419    8 2050 760709    4 2050 761025    0 2050 761124
 4 2063 770630    4 2063 771018    5 2063 780108    4 2063 780427    2 2063 780622
 5 3064 741031    1 3064 741227    0 3064 750426    2 3064 750624    5 3064 750807
          IN    1 SAMPLES

          IN    5 SAMPLES


          IN    5 SAMPLES
 1 2063 790127
          IN    8 SAMPLES
 1 1012 751105    2 2016 770728
 0 1012 751105    1 2016 770728
          IN    1 SAMPLES

          IN  280 SAMPLES
15 1012 750428    6 1012 750707   13 1012 750805   14 1012 760115    0 1012 760213
 6 2016 760727    3 2016 761123    1 2016 770117    2 2016 770504    3 2016 770728
 2 2050 761124   10 2050 770106    2 2050 770407    6 2063 770408    2 2063 770630
 3 2063 781019    7 2063 790127
 1 1012 750428    0 1012 750707    2 1012 750805    4 1012 760115   10 1012 760213
 4 2016 760727    1 2016 761123    4 2016 770117   12 2016 770504    5 2016 770728
 0 2050 761124   10 2050 770106    6 2050 770407    3 2063 770408    2 2063 770630
 0 2063 781019    3 2063 790127
 0 1012 750428    0 1012 750707    0 1012 750805    0 1012 760115    1 1012 760213
 0 2050 761124    2 2050 770106    0 2050 770407    0 2063 770408    0 2063 770630
 0 2063 781019    0 2063 790127
          IN    1 SAMPLES

          IN    1 SAMPLES

          IN   61 SAMPLES
12 1012 750707    9 1012 750805   10 1012 751105    0 1012 760115    4 2016 760517

 1 1012 750707    0 1012 750805    7 1012 751105    1 1012 760115    0 2016 760517

          IN  227 SAMPLES
 7 1012 750805    3 1012 751105    9 1012 760115    0 1012 760213    0 1012 760514
 6 2016 760727    2 2016 761123    2 2016 770117    1 2016 770504    1 2016 770728
 6 2050 760709    0 2050 761025    3 2050 761124    0 2050 770106    1 2050 770407
 1 2063 780427    0 2063 780622    6 2063 781019   11 2063 790127
 1 1012 750805    3 1012 751105    2 1012 760115    5 1012 760213    3 1012 760514
 4 2016 760727    2 2016 761123    8 2016 770117    3 2016 770504    6 2016 770728
 7 2050 760709    2 2050 761025    0 2050 761124    1 2050 770106    4 2050 770407
 2 2063 780427    8 2063 780622    3 2063 781019    7 2063 790127
 1 2050 760709    0 2050 761025    0 2050 761124    1 2050 770106    0 2050 770407
 0 2063 780427    1 2063 780622    0 2063 781019    0 2063 790127
          IN   45 SAMPLES
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LOW 0 1012 741014 2 1012 750223 0 1012 751105 0 1012 760213 0 1012 76051
LOW 0 2063 780622 1 2063 781019 0 2063 790127
MID 1 1012 741014 0 1012 750223 1 1012 751105 3 1012 760213 1 1012 76051
MID 1 2016 760727 2 2016 771113 2 2050 760709 1 2050 761025 0 2050 77040
MID 7 2063 780622 2 2063 781019 1 2063 790127
HI 0 2016 760727 0 2016 771113 1 2050 760709 0 2050 761025 1 2050 77040
HI 2 2063 780622 0 2063 781019 0 2063 790127

5102050206 COLLISELLA ASMI
HI 1 2063 780427 IN 1 SAMPLES

5102050207 COLLISELLA STRIGATELLA
LOW 1 1012 741014 1 1012 750805 0 1012 751105 IN 94 SAMPLES
LOW 0 2016 770117 0 2016 770504 0 2016 770728 1 1012 760115 6 1012 76070
LOW 1 2050 761124 3 2050 770106 0 2050 770407 0 2016 771113 0 2016 78020
MID 0 1012 741014 0 1012 750805 3 1012 751105
MID 8 2016 770117 4 2016 770504 5 2016 770728 1 1012 760115 4 1012 76070
MID 0 2050 761124 10 2050 770106 7 2050 770407 5 2016 771113 8 2016 78020
HI 0 2016 770117 0 2016 770504 0 2016 770728
HI 0 2050 761124 2 2050 770106 0 2050 770407 0 2016 771113 1 2016 78020

51020503 NOTOACMAEA
LOW 1 1012 760115 1 2016 760727 2 2016 761123 IN 7 SAMPLES
MID 0 1012 760115 0 2016 760727 1 2016 761123 0 2050 760709 0 2050 770407
1 2050 760709 1 2050 770407

5102050301 NOTOACMAEA SCUTUM
LOW 7 1012 741212 8 1012 750223 14 1012 750428 IN 352 SAMPLES
LOW 3 2016 760727 1 2016 761123 1 2016 770117 1 1012 750805 2 1012 760115
LOW 6 2050 760709 0 2050 761025 2 2050 761124 7 2016 770504 7 2016 770728
LOW 13 2063 780108 15 2063 780427 7 2063 780622 8 2050 770106 3 2050 770407
MID 3 1012 741212 3 1012 750223 1 1012 750428 17 2063 781019 13 2063 790127
MID 4 2016 760727 2 2016 761123 4 2016 770117 0 1012 750805 3 1012 760115
MID 6 2050 760709 2 2050 761025 0 2050 761124 16 2016 770504 11 2016 770728
MID 9 2063 780108 7 2063 780427 8 2063 780622 0 2050 770106 4 2050 770407
HI 0 2016 760727 0 2016 761123 0 2016 770117 11 2063 781019 16 2063 790127
HI 2 2050 760709 0 2050 761025 0 2050 761124 0 2016 770504 0 2016 770728
0 2050 770106 0 2050 770407

5102050302 NOTOACMAEA PERSONA
LOW 11 1012 741014 2 1012 741212 2 1012 750223 IN 260 SAMPLES
LOW 0 1012 760213 3 1012 760514 12 1012 760709 5 1012 750428 9 1012 750707
LOW 0 2050 760709 0 2050 770106 0 2050 770407 1 1012 760807 0 2016 760727
LOW 3 2063 780622 6 2063 781019 0 2063 790127 3 2063 770408 3 2063 770630
MID 6 1012 741014 3 1012 741212 6 1012 750223
MID 10 1012 760213 5 1012 760514 8 1012 760709 0 1012 750428 2 1012 750707
MID 0 2050 760709 9 2050 770106 1 2050 770407 1 1012 760807 2 2016 760727
MID 21 2063 780622 1 2063 781019 7 2063 790127 9 2063 770408 8 2063 770630
HI 1 1012 741014 0 1012 741212 0 1012 750223
HI 0 1012 760213 0 1012 760514 0 1012 760709 0 1012 750428 0 1012 750707
HI 1 2050 760709 0 2050 770106 1 2050 770407 0 1012 760807 0 2016 760727
HI 9 2063 780622 0 2063 781019 0 2063 790127 0 2063 770408 0 2063 770630

5102050303 NOTOACMAEA FENESTRATA
LOW 4 2016 760727 2 2016 761123 1 2016 770117 IN 67 SAMPLES
MID 4 2016 760727 3 2016 761123 2 2016 770117 5 2016 770504 5 2016 770728
MID 1 2050 770407 4 2016 770504 5 2016 770728
HI 0 2016 760727 0 2016 761123 0 2016 770117 0 2016 770504 0 2016 770728

5102100103 CALLIOSTOMA LIGATUM
LOW 1 2016 770117 0 2063 770408 1 2063 780427 IN 4 SAMPLES
MID 0 2016 770117 1 2063 770408 0 2063 780427 0 2063 790127
HI 0 2016 770117 0 2063 770408 0 2063 780427 0 2063 790127
1 2063 790127

51021003 MARGARITES/LIRULARIA
LOW 1 1012 741014 1 2016 760727 1 2016 761123 IN 6 SAMPLES
MID 0 1012 741014 0 2016 760727 0 2016 761123 0 2016 770117 2 2016 770728
1 2016 770117 0 2016 770728

5102100302 MARGARITES HELICINUS
LOW 1 2063 770408 IN 1 SAMPLES

5102100308 MARGARITES PUPILLUS
LOW 1 1012 751105 0 2016 770504 1 2016 771113 IN 13 SAMPLES
1 2050 760709 1 2063 771018

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 0 1012 760213   0 1012 760514   2 1012 760709   1 1012 760807   0 2016 760517

 3 1012 760213   1 1012 760514   2 1012 760709   3 1012 760807   1 2016 760517
 1 2050 761025   0 2050 770407   1 2063 770408   5 2063 780108   1 2063 780427

 0 2050 761025   1 2050 770407   0 2063 770408   0 2063 780108   0 2063 780427

        IN   1 SAMPLES

        IN  94 SAMPLES
 1 1012 760115   6 1012 760709   0 2016 760517   1 2016 760727   0 2016 761123
 0 2016 771113   0 2016 780206   0 2050 760419   2 2050 760709   0 2050 761025

 1 1012 760115   4 1012 760709   2 2016 760517   4 2016 760727   3 2016 761123
 5 2016 771113   8 2016 780206   1 2050 760419   6 2050 760709   2 2050 761025

 0 2016 771113   1 2016 780206   2 2050 760419   0 2050 760709   1 2050 761025

        IN   7 SAMPLES
 0 2050 760709   0 2050 770407
 1 2050 760709   1 2050 770407
        IN 352 SAMPLES
 1 1012 750805   2 1012 760115   4 1012 760709   4 1012 760807   3 2016 760517
 7 2016 770504   7 2016 770728   4 2016 771113   0 2016 780206   0 2050 760419
 8 2050 770106   3 2050 770407   1 2063 770408   9 2063 770630   6 2063 771018
17 2063 781019  13 2063 790127
 0 1012 750805   3 1012 760115   2 1012 760709   5 1012 760807   3 2016 760517
16 2016 770504  11 2016 770728  11 2016 771113  17 2016 780206   2 2050 760419
 0 2050 770106   4 2050 770407   0 2063 770408  13 2063 770630  20 2063 771018
11 2063 781019  16 2063 790127
 0 2016 770504   0 2016 770728   0 2016 771113   1 2016 780206   0 2050 760419
 0 2050 770106   0 2050 770407   0 2063 770408   0 2063 770630   0 2063 771018
        IN 260 SAMPLES
 5 1012 750428   9 1012 750707  14 1012 750805   6 1012 751105  10 1012 760115
 1 1012 760807   0 2016 760727   1 2016 761123   0 2016 770504   0 2016 770728
 3 2063 770408   3 2063 770630   0 2063 771018   4 2063 780108   3 2063 780427

 0 1012 750428   2 1012 750707   2 1012 750805   7 1012 751105   6 1012 760115
 1 1012 760807   2 2016 760727   3 2016 761123   0 2016 770504   3 2016 770728
 9 2063 770408   8 2063 770630   1 2063 771018  21 2063 780108   6 2063 780427

 0 1012 750428   0 1012 750707   0 1012 750805   0 1012 751105   0 1012 760115
 0 1012 760807   0 2016 760727   0 2016 761123   1 2016 770504   0 2016 770728
 0 2063 770408   0 2063 770630   0 2063 771018   1 2063 780108   0 2063 780427

        IN  67 SAMPLES
 5 2016 770504   5 2016 770728   2 2016 771113   0 2016 780206   2 2050 760709
 4 2016 770504   5 2016 770728  10 2016 771113  13 2016 780206   3 2050 760709

 0 2016 770504   0 2016 770728   0 2016 771113   0 2016 780206   1 2050 760709
        IN   4 SAMPLES
 0 2063 790127
 0 2063 790127
 1 2063 790127
        IN   6 SAMPLES
 0 2016 770117   2 2016 770728
 1 2016 770117   0 2016 770728
        IN   1 SAMPLES

        IN  13 SAMPLES
 1 2050 760709   1 2063 771018   2 2063 780108   1 2063 780427   2 2063 780622
```

LOW 1 2063 790127
MID 0 1012 751105 1 2016 770504 0 2016 771113 0 2050 760709 0 2063 771011
5102100310 MARGARITES LIRULATUS
IN 2 SAMPLES
LOW 1 2016 770504 0 2063 790127
MID 0 2016 770504 1 2063 790127
51030903 LACUNA
IN 136 SAMPLES
LOW 12 1012 741014 1 1012 741212 8 1012 750707 3 1012 750805 4 1012 751105
LOW 4 1012 760807 1 2016 760727 6 2063 770408 8 2063 770630 19 2063 771018
MID 6 1012 741014 1 1012 741212 0 1012 750707 1 1012 750805 3 1012 751105
MID 4 1012 760807 0 2016 760727 0 2063 770408 5 2063 770630 3 2063 771018
HI 1 1012 741014 0 1012 741212 0 1012 750707 0 1012 750805 0 1012 751105
HI 1 1012 760807 0 2016 760727 0 2063 770408 1 2063 770630 0 2063 771018
5103090302 LACUNA VARIEGATA
IN 471 SAMPLES
LOW 12 1012 741014 6 1012 741212 1 1012 750223 1 1012 750428 10 1012 750707
LOW 4 2016 761123 19 2016 770117 10 2016 770504 24 2016 770728 16 2016 771113
LOW 0 2050 761025 4 2050 761124 19 2050 770106 19 2050 770407 17 2063 770408
LOW 19 2063 781019 34 2063 790127
MID 6 1012 741014 3 1012 741212 0 1012 750223 0 1012 750428 2 1012 750707
MID 4 2016 761123 6 2016 770117 0 2016 770504 1 2016 770728 6 2016 771113
MID 2 2050 761025 0 2050 761124 1 2050 770106 0 2050 770407 0 2063 770408
MID 11 2063 781019 6 2063 790127
HI 0 1012 741014 0 1012 741212 0 1012 750223 0 1012 750428 1 1012 750707
HI 0 2016 761123 0 2016 770117 0 2016 770504 1 2016 770728 0 2016 771113
HI 0 2050 761025 0 2050 761124 2 2050 770106 0 2050 770407 0 2063 770408
51031001 LITTORINA
IN 1 SAMPLES
HI 1 2050 770106
5103100101 LITTORINA SITKANA
IN 470 SAMPLES
LOW 1 1012 741014 1 1012 741212 1 1012 750223 4 1012 750428 1 1012 750707
LOW 0 1012 760213 0 1012 760514 0 1012 760807 0 2016 760517 4 2016 760727
LOW 0 2016 770728 0 2016 771113 0 2016 780206 0 2050 760419 3 2050 760709
LOW 1 2050 770407 1 2063 770408 2 2063 770630 0 2063 780108 0 2063 780427
MID 2 1012 741014 1 1012 741212 0 1012 750223 0 1012 750428 1 1012 750707
MID 2 1012 760213 1 1012 760514 2 1012 760807 4 2016 760517 8 2016 760727
MID 20 2016 770728 12 2016 771113 18 2016 780206 2 2050 760419 8 2050 760709
MID 21 2050 770407 16 2063 770408 23 2063 770630 37 2063 780108 16 2063 780427
HI 0 1012 760213 0 1012 760514 0 1012 760807 3 2016 760517 3 2016 760727
HI 0 2016 770728 0 2016 771113 4 2016 780206 0 2050 760419 2 2050 760709
HI 5 2050 770407 1 2063 770408 4 2063 770630 4 2063 780108 2 2063 780427
5103100104 LITTORINA SCUTULATA
IN 442 SAMPLES
LOW 10 1012 741014 4 1012 741212 13 1012 750223 16 1012 750428 10 1012 750707
LOW 0 1012 760213 0 1012 760514 11 1012 760709 0 1012 760807 0 2016 760727
LOW 0 2016 771113 0 2050 760419 0 2050 760709 0 2050 761025 1 2050 770106
LOW 0 2063 771018 1 2063 780108 2 2063 780427 2 2063 780622 1 2063 781019
MID 12 1012 741014 14 1012 741212 12 1012 750223 8 1012 750428 10 1012 750707
MID 10 1012 760213 6 1012 760514 16 1012 760709 6 1012 760807 2 2016 760727
MID 3 2016 771113 2 2050 760419 6 2050 760709 2 2050 761025 10 2050 770106
MID 0 2063 771018 25 2063 780108 3 2063 780427 21 2063 780622 12 2063 781019
HI 4 1012 741014 3 1012 741212 2 1012 750223 0 1012 750428 2 1012 750707
HI 0 1012 760213 1 1012 760514 1 1012 760709 3 1012 760807 0 2016 760727
HI 1 2016 771113 3 2050 760419 6 2050 760709 2 2050 761025 23 2050 770106
HI 1 2063 771018 2 2063 780108 2 2063 780427 7 2063 780622 1 2063 781019
51032001 ALVINIA
IN 77 SAMPLES
LOW 3 1012 741014 1 1012 750223 2 1012 750428 1 1012 760514 0 2050 770106
LOW 16 2063 780108 2 2063 780427 2 2063 780622 8 2063 790127
MID 0 1012 741014 0 1012 750223 0 1012 750428 0 1012 760514 0 2050 770106
MID 0 2063 780108 1 2063 780427 2 2063 780622 0 2063 790127
HI 0 1012 741014 0 1012 750223 0 1012 750428 0 1012 760514 1 2050 770106
5103200106 ALVINIA COMPACTA
IN 2 SAMPLES
LOW 2 2063 790127
5103200108 ALVINIA CASTANEA
IN 17 SAMPLES
LOW 14 2063 780622

0 2050 760709 0 2063 771018 0 2063 780108 0 2063 780427 2 2063 780622
IN 2 SAMPLES

IN 136 SAMPLES
3 1012 750805 4 1012 751105 2 1012 760115 0 1012 760213 11 1012 760709
8 2063 770630 19 2063 771018 17 2063 780108 4 2063 781019
1 1012 750805 3 1012 751105 2 1012 760115 2 1012 760213 1 1012 760709
5 2063 770630 3 2063 771018 2 2063 780108 3 2063 781019
0 1012 750805 0 1012 751105 0 1012 760115 0 1012 760213 0 1012 760709
1 2063 770630 0 2063 771018 0 2063 780108 0 2063 781019
IN 471 SAMPLES
1 1012 750428 10 1012 750707 11 1012 750805 4 2016 760517 6 2016 760727
4 2016 770728 16 2016 771113 0 2016 780206 0 2050 760419 6 2050 760709
9 2050 770407 17 2063 770408 39 2063 770630 9 2063 780427 63 2063 780622

0 1012 750428 2 1012 750707 3 1012 750805 2 2016 760517 7 2016 760727
1 2016 770728 6 2016 771113 4 2016 780206 0 2050 760419 5 2050 760709
) 2050 770407 0 2063 770408 2 2063 770630 2 2063 780427 33 2063 780622

) 1012 750428 1 1012 750707 0 1012 750805 0 2016 760517 1 2016 760727
(2016 770728 0 2016 771113 0 2016 780206 1 2050 760419 2 2050 760709
) 2050 770407 0 2063 770408 0 2063 770630 0 2063 780427 4 2063 780622
IN 1 SAMPLES

IN 470 SAMPLES
1012 750428 1 1012 750707 3 1012 750805 0 1012 751105 0 1012 760115
2016 760517 4 2016 760727 0 2016 761123 0 2016 770117 0 2016 770504
2050 760419 3 2050 760709 0 2050 761025 1 2050 761124 1 2050 770106
2063 780108 0 2063 780427 2 2063 780622 0 2063 781019 13 2063 790127
1012 750428 1 1012 750707 1 1012 750805 2 1012 751105 2 1012 760115
2016 760517 8 2016 760727 3 2016 761123 26 2016 770117 27 2016 770504
2050 760419 8 2050 760709 4 2050 761025 0 2050 761124 19 2050 770106
2063 780108 16 2063 780427 29 2063 780622 15 2063 781019 37 2063 790127
2016 760517 3 2016 760727 1 2016 761123 4 2016 770117 3 2016 770504
2050 760419 2 2050 760709 3 2050 761025 0 2050 761124 16 2050 770106
2063 780108 2 2063 780427 13 2063 780622 0 2063 781019 4 2063 790127
IN 442 SAMPLES
1012 750428 10 1012 750707 13 1012 750805 1 1012 751105 7 1012 760115
1012 760807 0 2016 760727 0 2016 761123 0 2016 770117 0 2016 770504
2050 761025 1 2050 770106 0 2050 770407 1 2063 770408 2 2063 770630
2063 780622 1 2063 781019 1 2063 790127
1012 750428 10 1012 750707 12 1012 750805 9 1012 751105 11 1012 760115
1012 760807 2 2016 760727 1 2016 761123 1 2016 770117 1 2016 770504
2050 761025 10 2050 770106 18 2050 770407 1 2063 770408 21 2063 770630
2063 780622 12 2063 781019 14 2063 790127
1012 750428 2 1012 750707 1 1012 750805 0 1012 751105 0 1012 760115
1012 760807 0 2016 760727 0 2016 761123 0 2016 770117 0 2016 770504
2050 761025 23 2050 770106 5 2050 770407 4 2063 770408 3 2063 770630
2063 780622 1 2063 781019 0 2063 790127
IN 77 SAMPLES
1012 760514 0 2050 770106 8 2063 770408 21 2063 770630 6 2063 771018
2063 790127
1012 760514 0 2050 770106 2 2063 770408 1 2063 770630 0 2063 771018
2063 790127
1012 760514 1 2050 770106 0 2063 770408 0 2063 770630 0 2063 771018
IN 2 SAMPLES

IN 17 SAMPLES

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 MID   3 2063 780622
51032004   BARLEEIA
 LOW   7 2063 780427  47 2063 780622   1 2063 781019  14 2063 790127   IN  83 SAMPLES
 MID   0 2063 780427  10 2063 780622   1 2063 781019   2 2063 790127
 HI    0 2063 780427   1 2063 780622   0 2063 781019   0 2063 790127
5103200401 BARLEEIA HALIOTIPHILA
 LOW   1 2016 760727                                                  IN   1 SAMPLES
51032005   RISSOINA
 LOW   2 1012 751105                                                  IN   2 SAMPLES
5103360101 FARTULUM OCCIDENTALE
 LOW   1 1012 741014   3 1012 741212   3 1012 750707   2 1012 750805   5 1012 751   IN  46 SAMPLES
 LOW  10 1012 760709   1 1012 760807
 MID   0 1012 741014   0 1012 741212   0 1012 750707   1 1012 750805   1 1012 751
 MID   0 1012 760709   3 1012 760807
51034602   CERITHIOPSIS
 LOW   1 2063 780622                                                  IN   2 SAMPLES
 MID   1 2063 780622
5103760201 NATICA ALEUTICA/CLAUSA
 LOW   1 2063 770408   4 2063 770630   6 2063 780108   1 2063 780427  26 2063 780   IN  44 SAMPLES
5105010206 OCENEBRA LURIDA
 LOW   1 2016 771113                                                  IN   2 SAMPLES
 MID   1 2016 771113
51050105   NUCELLA
 LOW   2 2016 760727   1 2016 761123   0 2016 770728   3 2050 760709   1 2050 761   IN  14 SAMPLES
 MID   0 2016 760727   0 2016 761123   1 2016 770728   3 2050 760709   0 2050 761
5105010501 NUCELLA CANALICULATA
 LOW   1 1012 741014   0 2063 770630   0 2063 780622                   IN   6 SAMPLES
 MID   0 1012 741014   2 2063 770630   3 2063 780622
5105010502 NUCELLA LAMELLOSA
 LOW   8 1012 741014   4 1012 741212   2 1012 750223   6 1012 750428   8 1012 750   IN 138 SAMPLES
 LOW   1 1012 760213   4 1012 760709   2 1012 760807   1 2016 770117   1 2016 770
 LOW   0 2050 761025   2 2050 761124   5 2050 770106   0 2050 770407   4 2063 770
 LOW   0 2063 780427   0 2063 780622   1 2063 781019   4 2063 790127
 MID   1 1012 741014   4 1012 741212   0 1012 750223   0 1012 750428   0 1012 750
 MID   1 1012 760213   0 1012 760709   0 1012 760807   0 2016 770117   1 2016 770
 MID   1 2050 761025   0 2050 761124   2 2050 770106   3 2050 770407   6 2063 770
 MID   4 2063 780427   3 2063 780622   4 2063 781019   1 2063 790127
 HI    0 1012 741014   0 1012 741212   0 1012 750223   0 1012 750428   0 1012 750
 HI    0 1012 760213   0 1012 760709   0 1012 760807   0 2016 770117   0 2016 770
 HI    0 2050 761025   0 2050 761124   0 2050 770106   1 2050 770407   1 2063 770
5105010503 NUCELLA EMARGINATA
 LOW   2 1012 750707   1 2016 760517   2 2016 760727   2 2016 770504   0 2016 780   IN  45 SAMPLES
 LOW   1 2050 761124   1 2050 770106   0 2050 770407   1 2063 770630   0 2063 780
 MID   0 1012 750707   0 2016 760517   0 2016 760727   0 2016 770504   1 2016 780
 MID   0 2050 761124   9 2050 770106   1 2050 770407   4 2063 770630   3 2063 780
 HI    0 2050 761124   1 2050 770106   0 2050 770407   0 2063 770630   0 2063 780
5105010504 NUCELLA LIMA
 MID   2 2063 781019                                                  IN   2 SAMPLES
5105030101 AMPHISSA COLUMBIANA
 LOW   1 2016 760727   2 2016 761123   0 2050 760709   1 2050 761124   1 2050 770   IN  27 SAMPLES
 MID   0 2016 760727   0 2016 761123   1 2050 760709   0 2050 761124   0 2050 770
 HI    0 2016 760727   0 2016 761123   0 2050 760709   0 2050 761124   0 2050 770
51050302   MITRELLA
 MID   1 2063 770630                                                  IN   1 SAMPLES
5105030202 MITRELLA TUBEROSA
 LOW   2 2063 780108   2 2063 780622                                  IN   5 SAMPLES
 MID   1 2063 780108   0 2063 780622
5105040201 SEARLESIA DIRA
 LOW   2 2016 760727   2 2016 761123   1 2050 760709   2 2050 761124   0 2050 770   IN  16 SAMPLES
 LOW   1 2063 780108
 MID   0 2016 760727   0 2016 761123   1 2050 760709   0 2050 761124   2 2050 770
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IN 83 SAMPLES
14 2063 790127
2 2063 790127
0 2063 790127
IN 1 SAMPLES

IN 2 SAMPLES

IN 46 SAMPLES
2 1012 750805 5 1012 751105 11 1012 760115 2 1012 760213 1 1012 760514
1 1012 750805 1 1012 751105 1 1012 760115 0 1012 760213 1 1012 760514
IN 2 SAMPLES

IN 44 SAMPLES
1 2063 780427 26 2063 780622 6 2063 790127
IN 2 SAMPLES

IN 14 SAMPLES
3 2050 760709 1 2050 761124 0 2050 770106 0 2050 770407
3 2050 760709 0 2050 761124 1 2050 770106 2 2050 770407
IN 6 SAMPLES

IN 138 SAMPLES
6 1012 750428 8 1012 750707 11 1012 750805 6 1012 751105 6 1012 760115
1 2016 770117 1 2016 770504 0 2016 770728 0 2016 780206 2 2050 760709
0 2050 770407 4 2063 770408 1 2063 770630 1 2063 771018 3 2063 780108
4 2063 790127
0 1012 750428 0 1012 750707 1 1012 750805 2 1012 751105 0 1012 760115
0 2016 770117 1 2016 770504 2 2016 770728 1 2016 780206 0 2050 760709
3 2050 770407 6 2063 770408 10 2063 770630 0 2063 771018 4 2063 780108
1 2063 790127
0 1012 750428 0 1012 750707 1 1012 750805 0 1012 751105 0 1012 760115
0 2016 770117 0 2016 770504 0 2016 770728 0 2016 780206 1 2050 760709
1 2050 770407 1 2063 770408 0 2063 770630 0 2063 771018 0 2063 780108
IN 45 SAMPLES
2 2016 770504 0 2016 780206 0 2050 760419 3 2050 760709 0 2050 761025
1 2063 770630 0 2063 780108 0 2063 780622 1 2063 790127
0 2016 770504 1 2016 780206 2 2050 760419 7 2050 760709 1 2050 761025
4 2063 770630 3 2063 780108 2 2063 780622 0 2063 790127
0 2063 770630 0 2063 780108 0 2063 780622 0 2063 790127
IN 2 SAMPLES

IN 27 SAMPLES
1 2050 761124 1 2050 770407 1 2063 780108 5 2063 780622 10 2063 790127
0 2050 761124 0 2050 770407 0 2063 780108 2 2063 780622 2 2063 790127
0 2050 761124 0 2050 770407 1 2063 780108 0 2063 780622 0 2063 790127
IN 1 SAMPLES

IN 5 SAMPLES

IN 16 SAMPLES
2050 761124 0 2050 770407 1 2063 770408 1 2063 770630 0 2063 771018
2050 761124 2 2050 770407 0 2063 770408 2 2063 770630 1 2063 771018

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5105080101 NASSARIUS MENDICUS
 LOW   1 2016 770117                                                    IN   1 SAMPLES
5105100101 OLIVELLA BIPLICATA
 LOW   1 2063 780622                                                    IN   1 SAMPLES
51060204   OENOPOTA
 LOW   2 2016 770117   1 2016 770504                                    IN   3 SAMPLES
5107       GASTROPODA EUTHYNEURA
 LOW   2 2063 770408   0 2063 780108                                    IN   5 SAMPLES
 MID   1 2063 770408   1 2063 780108
 HI    1 2063 770408   0 2063 780108
51080101   ODOSTOMIA
 LOW   2 1012 750223   5 1012 750428   2 1012 750707   2 1012 751105   3 1012 760   IN  16 SAMPLES
 HI    0 1012 750223   0 1012 750428   0 1012 750707   0 1012 751105   0 1012 760
5110060101 AOLAJA DIOMEDEUM
 MID   1 2063 790127                                                    IN   1 SAMPLES
5127       NUDIBRANCHIA
 LOW   2 1012 741014   0 2016 770117                                    IN   6 SAMPLES
 MID   0 1012 741014   4 2016 770117
513003     DORIDIDAE
 MID   1 2016 761123                                                    IN   1 SAMPLES
51300303   ARCHIDORIS
 LOW   1 1012 750707   1 1012 760807                                    IN   2 SAMPLES
5130030301 ARCHIDORIS MONTEREYENSIS
 LOW   1 2016 761123   0 2016 770117   0 2050 770106   1 2063 780622   0 2063 7901   IN   7 SAMPLES
 MID   0 2016 761123   1 2016 770117   1 2050 770106   0 2063 780622   3 2063 7901
5130030397 NAME NOT FOUND
 MID   3 2016 780206                                                    IN   3 SAMPLES
51310504   ONCHIDORIS
 LOW   1 1012 750707   2 1012 751105   4 1012 760115   0 1012 760213   4 1012 7607   IN  14 SAMPLES
 MID   0 1012 750707   0 1012 751105   0 1012 760115   1 1012 760213   0 1012 7607
51410101   EUBRANCHUS
 LOW   1 1012 741212   1 1012 750805                                    IN   2 SAMPLES
514203     AEOLIDIIDAE
 LOW   1 2016 760727                                                    IN   1 SAMPLES
5143010101 ONCHIDELLA BOREALIS
 LOW   1 1012 741212   1 2016 760727   1 2016 770504   0 2050 760709   1 2050 7704(   IN   5 SAMPLES
 MID   0 1012 741212   0 2016 760727   0 2016 770504   1 2050 760709   0 2050 7704(
53         POLYPLACOPHORA
 LOW   1 2016 760727   2 2016 770504   0 2016 770728   2 2050 770407                  IN   8 SAMPLES
 MID   0 2016 760727   1 2016 770504   1 2016 770728   1 2050 770407
5302010301 OLDROYDIA PERCRASSA
 LOW   1 2063 770630                                                    IN   1 SAMPLES
5303       NEOLORICATA ISCHNOCHITONINA
 MID   1 2050 761025                                                    IN   1 SAMPLES
5303020201 CYANOPLAX DENTIENS
 LOW   3 1012 750428   3 1012 751105   2 1012 760115   1 1012 760213   2 1012 76070   IN  37 SAMPLES
 LOW   0 2016 780206   0 2050 760709   0 2050 761025   1 2050 761124   1 2050 77010(
 LOW   2 2063 790127
 MID   0 1012 750428   0 1012 751105   0 1012 760115   0 1012 760213   0 1012 76070(
 MID   2 2016 780206   4 2050 760709   1 2050 761025   0 2050 761124   0 2050 77010(
5303020202 CYANOPLAX HARTWEGII
 LOW   1 1012 741014   2 1012 750223   1 1012 750707                    IN   4 SAMPLES
53030203   ISCHNOCHITON
 LOW   1 2063 771018                                                    IN   1 SAMPLES
53030204   LEPIDOCHITONA
 LOW   1 1012 741014                                                    IN   1 SAMPLES
5303020601 TONICELLA INSIGNIS
 LOW   1 2063 770630                                                    IN   1 SAMPLES
5303020602 TONICELLA LINEATA
 LOW   1 1012 760807   1 2063 770408   2 2063 770630   1 2063 780622    IN   5 SAMPLES
5303020701 LEPIDOZONA MERTENSII                                         IN   2 SAMPLES
```

IN 1 SAMPLES

IN 1 SAMPLES

IN 3 SAMPLES

IN 5 SAMPLES

IN 16 SAMPLES

2 1012 751105 3 1012 760115 0 2063 770408 1 2063 771018
0 1012 751105 0 1012 760115 1 2063 770408 0 2063 771018

IN 1 SAMPLES

IN 6 SAMPLES

IN 1 SAMPLES

IN 2 SAMPLES

IN 7 SAMPLES

1 2063 780622 0 2063 790127
0 2063 780622 3 2063 790127

IN 3 SAMPLES

IN 14 SAMPLES

0 1012 760213 4 1012 760709 2 1012 760807
1 1012 760213 0 1012 760709 0 1012 760807

IN 2 SAMPLES

IN 1 SAMPLES

IN 5 SAMPLES

0 2050 760709 1 2050 770407
1 2050 760709 0 2050 770407

IN 8 SAMPLES

2 2050 770407
1 2050 770407

IN 1 SAMPLES

IN 1 SAMPLES

IN 37 SAMPLES

1012 760213 2 1012 760709 2 2016 760727 1 2016 770728 0 2016 771113
2050 761124 1 2050 770106 1 2050 770407 5 2063 770408 4 2063 780427

1012 760213 0 1012 760709 1 2016 760727 0 2016 770728 1 2016 771113
2050 761124 0 2050 770106 0 2050 770407 0 2063 770408 0 2063 780427

IN 4 SAMPLES

IN 1 SAMPLES

IN 1 SAMPLES

IN 1 SAMPLES

IN 5 SAMPLES

2063 780622

IN 2 SAMPLES

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 LOW   1 2063 790127
 MID   1 2063 790127
5303020703 LEPIDOZONA COOPERI
 LOW  15 2063 780622   1 2063 781019   4 2063 790127                    IN  20 SAMPLES
5303060102 CHAETOPLEURA GEMMA
 LOW   1 2063 780108                                                   IN   1 SAMPLES
5303070301 KATHARINA TUNICATA
 LOW   1 2016 760727   1 2050 760709   1 2063 780108   1 2063 780622   IN   6 SAMPLES
 MID   0 2016 760727   1 2050 760709   0 2063 780108   0 2063 780622    1 2063
5303070401 MOPALIA CILIATA
 LOW   2 2063 780622                                                   IN   2 SAMPLES
5303070407 MOPALIA LIGNOSA
 LOW   1 2050 760709   1 2050 770106   2 2063 771018   2 2063 780108   IN   6 SAMPLES
5303070408 MOPALIA MUCOSA
 LOW   1 1012 741014   2 1012 760115   1 2050 760709   1 2050 761124   IN   9 SAMPLES
55          BIVALVIA                                                     1 2063
 LOW   1 1012 741212   3 1012 750428   2 1012 750707   1 1012 751105   IN   9 SAMPLES
 MID   0 1012 741212   0 1012 750428   0 1012 750707   0 1012 751105    0 1012
5502040212 NUCULANA HAMATA
 LOW   1 2063 770630                                                   IN   1 SAMPLES
55060601    GLYCYMERIS
 LOW   3 2063 770408   1 2063 770630                                   IN   5 SAMPLES
 MID   1 2063 770408   0 2063 770630
5506060101 GLYCYMERIS SUBOBSOLETA
 LOW   6 2063 770630   1 2063 771018   8 2063 780108   4 2063 780427   IN  84 SAMPLES
 MID   7 2063 770630   1 2063 771018   6 2063 780108   3 2063 780427   10 2063
 HI    0 2063 770630   0 2063 771018   0 2063 780108   2 2063 780427    1 2063
550701      MYTILIDAE
 LOW   1 2016 760727                                                   IN   1 SAMPLES
55070101    MYTILUS
 LOW   4 2016 760727   1 2016 761123   2 2016 770117  10 2016 770504   IN  74 SAMPLES
 LOW   0 2050 761025   1 2050 761124   0 2050 770106   2 2050 770407    2 2016
 MID   7 2016 760727   4 2016 761123   4 2016 770117   1 2016 770504
 MID   2 2050 761025   0 2050 761124   3 2050 770106   2 2050 770407    4 2016
 HI    1 2016 760727   1 2016 761123   2 2016 770117   0 2016 770504
 HI    1 2050 761025   0 2050 761124   1 2050 770106   0 2050 770407    0 2016
5507010101 MYTILUS EDULIS
 LOW  19 1012 741014  12 1012 741212  16 1012 750223  17 1012 750428   IN 270 SAMPLES
 LOW   0 1012 760213   3 1012 760514  12 1012 760709   3 1012 760807   10 1012
 LOW   0 2016 780206   3 2050 760709   0 2050 761025   1 2050 761124    4 2016
 MID   7 1012 741014  12 1012 741212   7 1012 750223   5 1012 750428    3 2063
 MID  10 1012 760213   5 1012 760514  10 1012 760709   6 1012 760807    5 1012
 MID   1 2016 780206   0 2050 760709   1 2050 761025   0 2050 761124    3 2016
 HI    1 1012 741014   4 1012 741212   2 1012 750223   0 1012 750428    1 2063
 HI    2 1012 760213   0 1012 760514   0 1012 760709   0 1012 760807    1 1012
 HI    1 2016 780206   0 2050 760709   0 2050 761025   0 2050 761124    0 2016
5507010102 MYTILUS CALIFORNIANUS                                        0 2063
 MID   1 2016 760727   1 2016 770117   4 2016 771113   1 2016 780206   IN   8 SAMPLES
5507010201 CRENELLA DECUSSATA                                           1 2050
 MID   1 2016 760727   0 2050 761025                                   IN   2 SAMPLES
 HI    0 2016 760727   1 2050 761025
5507010410 MUSCULUS PYGMAEUS
 LOW   2 2016 770504   0 2016 770728   1 2016 771113                   IN   5 SAMPLES
 MID   0 2016 770504   1 2016 770728   1 2016 771113
5507010499 NAME NOT FOUND
 LOW   0 2016 760727   1 2050 770106                                   IN   2 SAMPLES
 MID   1 2016 760727   0 2050 770106
5507010603 MODIOLUS RECTUS
 LOW   5 2063 770630   1 2063 771018   2 2063 780427   1 2063 790127   IN  12 SAMPLES
 MID   1 2063 770630   0 2063 771018   1 2063 780427   0 2063 790127
 HI    1 2063 770630   0 2063 771018   0 2063 780427   0 2063 790127
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          IN  20 SAMPLES
27
          IN   1 SAMPLES

          IN   6 SAMPLES
08   1 2063 780622   1 2063 790127
08   0 2063 780622   0 2063 790127
          IN   2 SAMPLES

          IN   6 SAMPLES
18   2 2063 780108
          IN   9 SAMPLES
09   1 2050 761124   1 2063 770630   1 2063 780427   2 2063 790127
          IN   9 SAMPLES
07   1 1012 751105   0 1012 760115   1 1012 760213
07   0 1012 751105   1 1012 760115   0 1012 760213
          IN   1 SAMPLES

          IN   5 SAMPLES


          IN  84 SAMPLES
18   4 2063 780427  10 2063 780622   4 2063 781019   8 2063 790127
18   3 2063 780427  10 2063 780622   2 2063 781019   7 2063 790127
18   2 2063 780427   1 2063 780622   0 2063 781019   4 2063 790127
          IN   1 SAMPLES

          IN  74 SAMPLES
7  10 2016 770504   2 2016 770728   0 2016 771113   0 2016 780206   2 2050 760709
6   2 2050 770407
7   1 2016 770504   4 2016 770728   5 2016 771113   5 2016 780206   4 2050 760709
5   2 2050 770407
7   0 2016 770504   0 2016 770728   0 2016 771113   1 2016 780206   2 2050 760709
5   0 2050 770407
          IN 270 SAMPLES
1  17 1012 750428  10 1012 750707  11 1012 750805   6 1012 751105  12 1012 760115
1   3 1012 760807   4 2016 760517   4 2016 760727   0 2016 761123   0 2016 770117
1   1 2050 761124   3 2063 770408   1 2063 780108   3 2063 780622   2 2063 790127
1   5 1012 750428   5 1012 750707   7 1012 750805   9 1012 751105   7 1012 760115
1   6 1012 760807   3 2016 760517   5 2016 760727   1 2016 761123   4 2016 770117
1   0 2050 761124   1 2063 770408   2 2063 780108   2 2063 780622   1 2063 790127
1   0 1012 750428   1 1012 750707   2 1012 750805   2 1012 751105   0 1012 760115
1   0 1012 760807   0 2016 760517   1 2016 760727   0 2016 761123   0 2016 770117
1   0 2050 761124   0 2063 770408   0 2063 780108   0 2063 780622   1 2063 790127
          IN   8 SAMPLES
1  1 2016 780206   1 2050 760419
          IN   2 SAMPLES


          IN   5 SAMPLES


          IN   2 SAMPLES


          IN  12 SAMPLES
1  1 2063 790127
0  0 2063 790127
0  0 2063 790127
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5507011101 ADULA CALIFORNIENSIS
 LOW   1 2016 770504                                                    IN   1 SAMPLES
5507019999 NAME NOT FOUND
 LOW   6 2016 760727   2 2016 761123   1 2016 770117   1 2050 761124    IN  14 SAMPLES
 MID   3 2016 760727   1 2016 761123   0 2016 770117   0 2050 761124
5515020201 AXINOPSIDA SERRICATA
 LOW   1 1012 750428   0 2063 770630                                    IN   2 SAMPLES
 MID   0 1012 750428   1 2063 770630
5515100102 MYSELLA TUMIDA
 LOW  14 1012 741014   8 1012 741212   8 1012 750223  11 1012 750428   IN 188 SAMPLES  10 1012 750
 LOW   3 1012 760213   3 1012 760514   7 1012 760709   4 1012 760807     6 2016 760
 LOW   4 2016 770728   2 2016 771113   0 2016 780206   3 2050 760709     0 2050 761
 LOW   1 2063 770408   3 2063 770630   0 2063 771018   3 2063 780108     2 2063 780
 MID   0 1012 741014   1 1012 741212   0 1012 750223   0 1012 750428     1 1012 750
 MID   3 1012 760213   0 1012 760514   0 1012 760709   1 1012 760807     2 2016 760
 MID   4 2016 770728   0 2016 771113   3 2016 780206   1 2050 760709     1 2050 761
 MID   1 2063 770408   4 2063 770630   1 2063 771018   1 2063 780108     0 2063 780
 HI    0 1012 760213   0 1012 760514   0 1012 760709   0 1012 760807     0 2016 760
 HI    1 2016 770728   0 2016 771113   1 2016 780206   0 2050 760709     0 2050 761
 HI    0 2063 770408   0 2063 770630   0 2063 771018   1 2063 780108     0 2063 780
5515170101 CYCLOCARDIA VENTRICOSA
 LOW   1 2063 790127                                                    IN   3 SAMPLES
 MID   2 2063 790127
5515170105 CYCLOCARDIA CRASSIDENS
 MID   1 2063 790127                                                    IN   1 SAMPLES
55151901   ASTARTE
 LOW   1 2063 780108                                                    IN   1 SAMPLES
5515190102 ASTARTE ALASKENSIS
 MID   1 2063 790127                                                    IN   1 SAMPLES
55152201   CLINOCARDIUM
 LOW   1 1012 741014   1 2016 760517                                    IN   2 SAMPLES
5515220102 CLINOCARDIUM NUTTALLII
 LOW   2 1012 741014   0 1012 741212   2 1012 750223   1 1012 750707   IN  16 SAMPLES   3 1012 7508
 MID   0 1012 741014   1 1012 741212   0 1012 750223   0 1012 750707     0 1012 7508
 MID   1 2016 780206
 HI    0 1012 741014   0 1012 741212   1 1012 750223   0 1012 750707     0 1012 7508
55152204   LAEVICARDIUM
 LOW   1 2016 760727                                                    IN   1 SAMPLES
55152502   TRESUS
 LOW   1 1012 750707   0 2016 760727                                    IN   2 SAMPLES
 MID   0 1012 750707   1 2016 760727
5515250201 TRESUS CAPAX
 LOW   1 1012 750707   1 1012 760115   2 2016 770117   2 2016 770504   IN  13 SAMPLES   2 2016 77072
 MID   0 1012 750707   0 1012 760115   1 2016 770117   0 2016 770504     0 2016 77072
55153101   MACOMA                                                       IN  92 SAMPLES
 LOW   7 1012 741014   4 1012 741212   8 1012 750223   6 1012 750428     7 1012 75070
 LOW   3 1012 760213   3 1012 760514   7 1012 760709   3 1012 760807     4 2016 76051
 LOW   1 2016 771113   0 2016 780206   1 2050 760709   1 2050 770407     0 2063 78062
 MID   0 1012 741014   3 1012 741212   0 1012 750223   0 1012 750428     0 1012 75070
 MID   1 1012 760213   0 1012 760514   0 1012 760709   0 1012 760807     0 2016 76051
 MID   1 2016 771113   2 2016 780206   0 2050 760709   0 2050 770407     2 2063 78062
5515310114 MACOMA NASUTA                                                IN  12 SAMPLES
 LOW   5 1012 741014   1 1012 750223   1 1012 750805   1 1012 760115     1 1012 76070
5515310115 MACOMA INGUINATA                                             IN   3 SAMPLES
 LOW   1 2016 760517   1 2016 771113   0 2016 780206
 MID   0 2016 760517   0 2016 771113   1 2016 780206
5515310116 MACOMA BALTHICA
 LOW   1 1012 741014   2 1012 750223   2 1012 750428   2 1012 750707   IN  16 SAMPLES   5 1012 75080
5515310117 MACOMA SECTA                                                 IN   1 SAMPLES
 LOW   1 1012 750223
55153102   TELLINA                                                      IN   1 SAMPLES
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IN 1 SAMPLES

IN 14 SAMPLES

1 2050 761124

0 2050 761124

IN 2 SAMPLES

IN 188 SAMPLES

11 1012 750428	10 1012 750707	9 1012 750805	5 1012 751105	12 1012 760115
4 1012 760807	6 2016 760727	3 2016 761123	3 2016 770117	4 2016 770504
3 2050 760709	0 2050 761025	4 2050 761124	1 2050 770106	1 2050 770407
3 2063 780108	2 2063 780427	4 2063 780622	2 2063 781019	3 2063 790127
0 1012 750428	1 1012 750707	1 1012 750805	0 1012 751105	0 1012 760115
1 1012 760807	2 2016 760727	4 2016 761123	4 2016 770117	4 2016 770504
1 2050 760709	1 2050 761025	0 2050 761124	0 2050 770106	1 2050 770407
1 2063 780108	0 2063 780427	0 2063 780622	1 2063 781019	0 2063 790127
0 1012 760807	0 2016 760727	0 2016 761123	2 2016 770117	0 2016 770504
0 2050 760709	0 2050 761025	0 2050 761124	1 2050 770106	0 2050 770407
1 2063 780108	0 2063 780427	0 2063 780622	0 2063 781019	0 2063 790127

IN 3 SAMPLES

IN 1 SAMPLES

IN 1 SAMPLES

IN 1 SAMPLES

IN 2 SAMPLES

IN 16 SAMPLES

1 1012 750707	3 1012 750805	1 1012 760213	1 1012 760807	1 2016 771113
0 1012 750707	0 1012 750805	0 1012 760213	0 1012 760807	2 2016 771113
0 1012 750707	0 1012 750805	0 1012 760213	0 1012 760807	0 2016 771113

IN 1 SAMPLES

IN 2 SAMPLES

IN 13 SAMPLES

2 2016 770504	2 2016 770728	1 2016 771113	0 2016 780206
0 2016 770504	0 2016 770728	1 2016 771113	2 2016 780206

IN 92 SAMPLES

6 1012 750428	7 1012 750707	7 1012 750805	4 1012 751105	9 1012 760115
3 1012 760807	4 2016 760517	1 2016 760727	3 2016 770117	1 2016 770504
1 2050 770407	0 2063 780622			
0 1012 750428	0 1012 750707	0 1012 750805	2 1012 751105	0 1012 760115
0 1012 760807	0 2016 760517	1 2016 760727	0 2016 770117	0 2016 770504
0 2050 770407	2 2063 780622			

IN 12 SAMPLES

1 1012 760115 1 1012 760709 2 1012 760807 1 2016 770504

IN 3 SAMPLES

IN 16 SAMPLES

2 1012 750707 5 1012 750805 3 1012 751105 1 1012 760115

IN 1 SAMPLES

IN 1 SAMPLES

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 LOW   1 1012 750223                                                    IN   1 SAMPLES
5515310202 TELLINA NUCULOIDES
 LOW   1 2016 760727                                                    IN   1 SAMPLES
55154701   TRANSENNELLA
 LOW   1 2016 760727                                                    IN   1 SAMPLES
5515470101 TRANSENNELLA TANTILLA
 LOW   1 1012 741014   0 1012 741212   3 1012 750223   8 1012 750428   3 1012 7507
 LOW   1 2050 760709   1 2050 761124   0 2050 770106                   IN  35 SAMPLES
 MID   0 1012 741014   1 1012 741212   0 1012 750223   0 1012 750428   0 1012 7507
 MID   0 2050 760709   0 2050 761124   1 2050 770106
5515470201 SAXIDOMUS GIGANTEA
 LOW   6 1012 741014   2 1012 741212   1 1012 750223   4 1012 750428   6 1012 7507
 LOW   1 1012 760213   2 1012 760514   1 1012 760709   1 1012 760807   1 2063 7704
 MID   1 1012 760213   0 1012 760514   0 1012 760709   0 1012 760807   0 2063 7704
5515470501 PSEPHIDIA LORDI                                             IN  36 SAMPLES
 LOW   3 1012 750223   3 1012 750428   0 2063 780427   1 2063 761019
 MID   0 1012 750223   0 1012 750428   1 2063 780427   0 2063 761019
5515470701 PROTOTHACA STAMINEA                                         IN   8 SAMPLES
 LOW  10 1012 741014   3 1012 741212   5 1012 750223   8 1012 750428   8 1012 7507
 LOW   3 1012 760213   2 1012 760514  10 1012 760709   2 1012 760807   1 2016 7605
 LOW   1 2016 770504   0 2016 780206   1 2050 770106   0 2050 770407   1 2063 7806
 MID   2 1012 741014   0 1012 741212   0 1012 750223   1 1012 750428   1 1012 7507
 MID   1 1012 760213   0 1012 760514   0 1012 760709   1 1012 760807   0 2016 7605
 MID   1 2016 770504   1 2016 780206   1 2050 770106   1 2050 770407   0 2063 7806
 HI    0 1012 741014   0 1012 741212   0 1012 750223   0 1012 750428   0 1012 7507
5515470801 TAPES PHILIPPINARUM                                         IN  99 SAMPLES
 LOW   1 2050 770407                                                    IN   1 SAMPLES
5517010101 CRYPTOMYA CALIFORNICA
 LOW   3 1012 741014   1 1012 741212   5 1012 750223   3 1012 750428   2 1012 7507
 LOW   1 1012 760213   1 1012 760514   5 1012 760709   3 1012 760807   1 2016 7705
 MID   0 1012 741014   0 1012 741212   0 1012 750223   0 1012 750428   0 1012 7507
 MID   1 1012 760213   0 1012 760514   0 1012 760709   0 1012 760807   0 2016 7705
5517010201 MYA ARENARIA                                                IN  42 SAMPLES
 LOW   1 1012 741014   1 1012 741212   4 1012 750223   3 1012 750428   2 1012 7507
 LOW   0 1012 760213   1 1012 760514   1 2016 760517   5 2016 760727   0 2050 7607
 MID   0 1012 741014   1 1012 741212   0 1012 750223   0 1012 750428   0 1012 7507
 MID   3 1012 760213   0 1012 760514   0 2016 760517   0 2016 760727   1 2050 7607
 HI    1 1012 760213   0 1012 760514   0 2016 760517   0 2016 760727   0 2050 7607
5517010203 MYA TRUNCATA                                                IN  39 SAMPLES
 MID   1 1012 741212   1 1012 751105                                    IN   2 SAMPLES
55170602   HIATELLA
 LOW   1 2016 760727                                                    IN   1 SAMPLES
5517060201 HIATELLA ARCTICA
 LOW   4 2016 760727   0 2016 761123   0 2016 770117   1 2016 770504   IN   7 SAMPLES
 MID   0 2016 760727   1 2016 761123   1 2016 770117   0 2016 770504
5520050102 ENTODESMA PICTUM
 LOW   1 2063 780427                                                    IN   1 SAMPLES
5520050202 LYONSIA CALIFORNICA
 LOW   1 1012 750428   1 1012 760115   0 2016 761123                   IN   3 SAMPLES
 MID   0 1012 750428   0 1012 760115   1 2016 761123
56000101   DENTALIUM
 LOW   4 1012 741014   6 1012 750223   9 1012 750428   7 1012 750707   7 1012 7508
 MID   0 1012 741014   0 1012 750223   0 1012 750428   0 1012 750707   2 1012 7508  IN  35 SAMPLES
59         ARTHROPODA CHELICERATA ARACHNIDA
 LOW   1 1012 741212                                                    IN   1 SAMPLES
6001010101 NYMPHON GROSSIPES
 LOW   1 2016 760517                                                    IN   1 SAMPLES
600104     AMNOTHEIDAE
 LOW   1 2063 780622                                                    IN   1 SAMPLES
60010402   ACHELIA
 LOW   2 2063 780622                                                    IN   2 SAMPLES
```

```
          IN    1 SAMPLES

          IN    1 SAMPLES

          IN   35 SAMPLES
23    8 1012 750428    3 1012 750707    4 1012 751105    8 1012 760115    0 1012 760213
06
23    0 1012 750428    0 1012 750707    0 1012 751105    2 1012 760115    2 1012 760213
06
          IN   36 SAMPLES
23    4 1012 750428    6 1012 750707    2 1012 750805    2 1012 751105    2 1012 760115
09    1 1012 760807    1 2063 770408    2 2063 771018    1 2063 780108    1 2063 780622
09    0 1012 760807    0 2063 770408    0 2063 771018    0 2063 780108    0 2063 780622
          IN    8 SAMPLES
27    1 2063 781019
27    0 2063 781019
          IN   99 SAMPLES
23    8 1012 750428    8 1012 750707    5 1012 750805    6 1012 751105    9 1012 760115
09    2 1012 760807    1 2016 760517    2 2016 760727    1 2016 761123    3 2016 770117
06    0 2050 770407    1 2063 780622
23    1 1012 750428    1 1012 750707    1 1012 750805    2 1012 751105    1 1012 760115
09    1 1012 760807    0 2016 760517    0 2016 760727    1 2016 761123    2 2016 770117
06    1 2050 770407    0 2063 780622
15    0 1012 750428    0 1012 750707    1 1012 750805    0 1012 751105    0 1012 760115
          IN    1 SAMPLES

          IN   42 SAMPLES
3     3 1012 750428    2 1012 750707    6 1012 750805    5 1012 751105    4 1012 760115
9     3 1012 760807    1 2016 770504
3     0 1012 750428    0 1012 750707    1 1012 750805    0 1012 751105    0 1012 760115
9     0 1012 760807    0 2016 770504
          IN   39 SAMPLES
3     3 1012 750428    2 1012 750707    2 1012 750805    1 1012 751105    3 1012 760115
7     5 2016 760727    0 2050 760709    1 2050 770407    1 2063 770630
3     0 1012 750428    0 1012 750707    1 1012 750805    2 1012 751105    4 1012 760115
7     0 2016 760727    1 2050 760709    0 2050 770407    0 2063 770630
7     0 2016 760727    0 2050 760709    0 2050 770407    0 2063 770630
          IN    2 SAMPLES

          IN    1 SAMPLES

          IN    7 SAMPLES
    1 2016 770504
    0 2016 770504
          IN    1 SAMPLES

          IN    3 SAMPLES


          IN   35 SAMPLES
    7 1012 750707    7 1012 750805
    0 1012 750707    2 1012 750805
          IN    1 SAMPLES

          IN    1 SAMPLES

          IN    1 SAMPLES

          IN    2 SAMPLES
```

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6001060102 PHOXICHILIDIUM FEMORATUM
 LOW   5 2016 760727   2 2016 761123   2 2016 770117   6 2016 770728   3 2016 77
 MID   0 2016 760727   1 2016 761123   0 2016 770117   0 2016 770728   0 2016 77
                                                                      IN  23 SAMPLES
60010603   HALOSOMA
 LOW   1 2016 760727                                                 IN   1 SAMPLES
6001060301 HALOSOMA VIRIDINTESTINALIS
 LOW   1 2016 761123                                                 IN   1 SAMPLES
6001060302 HALOSOMA COMPACTUM
 LOW   1 2016 760727                                                 IN   1 SAMPLES
6110       OSTRACODA
 LOW   0 1012 750223   1 2016 760517   3 2016 760727   4 2016 761123   4 2016 77(
 LOW   0 2016 780206   3 2050 760709   0 2050 770106   5 2050 770407
 MID   1 1012 750223   0 2016 760517   4 2016 760727   2 2016 761123   3 2016 77(
 MID   8 2016 780206   1 2050 760709   1 2050 770106   0 2050 770407
                                                                      IN  64 SAMPLES
6117       COPEPODA
 LOW   2 2016 761123   5 2016 770728
 MID   2 2016 761123   0 2016 770728                                  IN   9 SAMPLES
6119       COPEPODA HARPACTICOIDA
 LOW   2 2063 780622                                                 IN   2 SAMPLES
6130       CIRRIPEDIA
 LOW   7 1012 741212
 MID  10 1012 741212                                                 IN  17 SAMPLES
6134       CIRRIPEDIA THORACICA BALANOMORPHA
 MID   3 2016 760517   1 2050 770106                                 IN   4 SAMPLES
6134010101 CHTHAMALUS DALLI
 LOW   4 1012 741014  11 1012 741212  18 1012 750223  19 1012 750428   9 1012 750
 LOW   0 1012 760213   5 1012 760514  11 1012 760709   2 1012 760807   0 2016 760
 MID  10 1012 741014  10 1012 741212   5 1012 750223   4 1012 750428   3 1012 750
 MID   7 1012 760213   5 1012 760514   7 1012 760709   6 1012 760807   1 2016 760
 MID   2 2050 761025   8 2050 770106   2 2050 770407   8 2063 770630  16 2063 780
 MID  21 2063 790127                                                  IN 294 SAMPLES
 HI    0 1012 741014   1 1012 741212   0 1012 750223   0 1012 750428   1 1012 750
 HI    0 1012 760213   1 1012 760514   0 1012 760709   0 1012 760807   0 2016 760
 HI    0 2050 761025  11 2050 770106   3 2050 770407   0 2063 770630   0 2063 780
613402     BALANIDAE
 MID   2 2050 770106                                                 IN   2 SAMPLES
61340201   BALANUS
 LOW  17 1012 741014   6 1012 741212  16 1012 750223  14 1012 750423  24 1012 750
 LOW   2 1012 760213   6 1012 760514  20 1012 760709   6 1012 760807   0 2016 760
 LOW   0 2016 770728   0 2016 771113   0 2050 760419   2 2050 760709   0 2050 761
 MID   4 1012 741014   8 1012 741212   5 1012 750223   1 1012 750428   8 1012 750
 MID   9 1012 760213   6 1012 760514  14 1012 760709   6 1012 760807   0 2016 760
 MID  22 2016 770728   1 2016 771113   1 2050 760419   3 2050 760709   4 2050 761
 HI    0 1012 741014   0 1012 741212   0 1012 750223   0 1012 750428   2 1012 750
 HI    2 1012 760213   0 1012 760514   0 1012 760709   6 1012 760807   1 2016 760
 HI    0 2016 770728   0 2016 771113   0 2050 760419   2 2050 760709   0 2050 761
                                                                      IN 323 SAMPLES
6134020103 BALANUS CARIOSUS
 LOW   2 1012 741014   4 1012 741212   4 1012 750223   3 1012 750428   3 1012 750
 LOW   0 2016 760517   3 2016 760727   0 2016 761123   1 2016 770117   0 2016 770
 LOW   0 2050 760419   5 2050 760709   0 2050 761025   2 2050 761124  13 2050 770
 LOW   0 2063 780427   1 2063 780622   4 2063 790127
 MID   4 2016 760517   6 2016 760727   4 2016 761123   5 2016 770117   3 2016 770
 MID   1 2050 760419   6 2050 760709   3 2050 761025   0 2050 761124   8 2050 770
 MID   1 2063 780427   1 2063 780622  25 2063 790127
 HI    1 2016 760517   0 2016 760727   0 2016 761123   0 2016 770117   0 2016 770
 HI    0 2050 760419   1 2050 760709   0 2050 761025   0 2050 761124   1 2050 770
 HI    0 2063 780427   1 2063 780622   0 2063 790127                  IN 151 SAMPLES
6134020104 BALANUS CRENATUS
 LOW   4 1012 741014   3 1012 741212   1 1012 750223   3 1012 750428   6 1012 750
 MID   1 1012 741014   1 1012 741212   1 1012 750223   0 1012 750428   2 1012 750
                                                                      IN  45 SAMPLES
6134020107 BALANUS GLANDULA                                           IN 335 SAMPLES
```

IN 23 SAMPLES

6 2016 770728	3 2016 771113	4 2063 790127
0 2016 770728	0 2016 771113	0 2063 790127

IN 1 SAMPLES

IN 1 SAMPLES

IN 1 SAMPLES

IN 64 SAMPLES

4 2016 761123	4 2016 770117	3 2016 770504	11 2016 770728	2 2016 771113
5 2050 770407				
2 2016 761123	5 2016 770117	0 2016 770504	2 2016 770728	4 2016 771113
0 2050 770407				

IN 9 SAMPLES

IN 2 SAMPLES

IN 17 SAMPLES

IN 4 SAMPLES

IN 294 SAMPLES

19 1012 750428	9 1012 750707	15 1012 750805	4 1012 751105	16 1012 760115
2 1012 760807	0 2016 760727	0 2016 770117	0 2016 780206	0 2050 760709
4 1012 750428	3 1012 750707	8 1012 750805	5 1012 751105	7 1012 760115
6 1012 760807	1 2016 760727	2 2016 770117	1 2016 780206	5 2050 760709
8 2063 770630	16 2063 780108	3 2063 780427	5 2063 780622	9 2063 781019
0 1012 750428	1 1012 750707	0 1012 750805	0 1012 751105	0 1012 760115
0 1012 760807	0 2016 760727	0 2016 770117	1 2016 780206	1 2050 760709
0 2063 770630	0 2063 780108	0 2063 780427	1 2063 780622	0 2063 781019

IN 2 SAMPLES

IN 323 SAMPLES

14 1012 750428	24 1012 750707	20 1012 750805	10 1012 751105	14 1012 760115
6 1012 760807	0 2016 760517	4 2016 760727	0 2016 761123	0 2016 770504
2 2050 760709	0 2050 761025	1 2050 761124	1 2050 770407	1 2063 770630
1 1012 750428	8 1012 750707	13 1012 750805	9 1012 751105	10 1012 760115
6 1012 760807	0 2016 760517	6 2016 760727	3 2016 761123	3 2016 770504
3 2050 760709	4 2050 761025	0 2050 761124	0 2050 770407	7 2063 770630
0 1012 750428	2 1012 750707	1 1012 750805	1 1012 751105	0 1012 760115
6 1012 760807	1 2016 760517	0 2016 760727	0 2016 761123	1 2016 770504
2 2050 760709	0 2050 761025	0 2050 761124	0 2050 770407	0 2063 770630

IN 151 SAMPLES

3 1012 750428	3 1012 750707	2 1012 750805	2 1012 760709	1 1012 760807
1 2016 770117	0 2016 770504	2 2016 770728	1 2016 771113	0 2016 780206
2 2050 761124	13 2050 770106	1 2050 770407	0 2063 770630	0 2063 780108
5 2016 770117	3 2016 770504	8 2016 770728	5 2016 771113	6 2016 780206
0 2050 761124	8 2050 770106	4 2050 770407	2 2063 770630	1 2063 780108
0 2016 770117	0 2016 770504	0 2016 770728	0 2016 771113	0 2016 780206
0 2050 761124	1 2050 770106	0 2050 770407	0 2063 770630	0 2063 780108

IN 45 SAMPLES

3 1012 750428	6 1012 750707	0 2063 770630	7 2063 781019
0 1012 750428	2 1012 750707	1 2063 770630	15 2063 781019

IN 335 SAMPLES

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LOW   9 1012 741014   9 1012 741212  11 1012 750223  18 1012 750428   4 1012 75
LOW   0 2016 760727   2 2016 761123   0 2016 770117   0 2016 770728   0 2016 77
LOW   0 2050 761025   1 2050 761124   1 2050 770106   1 2050 770407   2 2063 77
LOW   7 2063 780622
MID   9 1012 741014  11 1012 741212   4 1012 750223   6 1012 750428   0 1012 75
MID   8 2016 760727   4 2016 761123  21 2016 770117   5 2016 770728  24 2016 77
MID   4 2050 761025   0 2050 761124  24 2050 770106   5 2050 770407   0 2063 77
MID  22 2063 780622
HI    1 1012 741014   1 1012 741212   0 1012 750223   0 1012 750428   1 1012 75
HI    2 2016 760727   3 2016 761123   1 2016 770117   0 2016 770728   0 2016 77
HI    3 2050 761025   0 2050 761124  17 2050 770106   3 2050 770407   0 2063 77
HI   10 2063 780622
6134020110 BALANUS NUBILIS
LOW   2 2016 760727   0 2016 771113                                   IN   3 SAMPLES
HI    0 2016 760727   1 2016 771113
6145010102 NEBALIA PUGETTENSIS
LOW   1 2016 760727   1 2016 770728                                   IN   2 SAMPLES
615301     MYSIDAE
LOW   0 2016 771113   1 2063 770630                                   IN   3 SAMPLES
MID   0 2016 771113   1 2063 770630
HI    1 2016 771113   0 2063 770630
61530101   ACANTHOMYSIS
MID   1 2063 770630                                                   IN   1 SAMPLES
6153010301 ARCHAEOMYSIS GREBNITZKII
LOW   3 2050 760709   3 2050 770407                                   IN   6 SAMPLES
6153010901 HOLMESIELLA ANOMALA
LOW   1 2016 760727                                                   IN   1 SAMPLES
6154       PERACARIDA CUMACEA
LOW   1 2016 760727   0 2016 770728   1 2050 770407   0 2063 770630   IN   5 SAMPLES
MID   0 2016 760727   0 2016 770728   0 2050 770407   1 2063 770630    1 2063 7804
HI    0 2016 760727   1 2016 770728   0 2050 770407   0 2063 770630    0 2063 7804
615401     LAMPROPIDAE                                                0 2063 7804
LOW   2 2016 760727   1 2016 770728   1 2050 760709   2 2050 770407   IN   6 SAMPLES
61540101   LAMPROPS
LOW   1 1012 750428                                                   IN   1 SAMPLES
6154010104 LAMPROPS CARINATA
HI    1 3064 740815                                                   IN   1 SAMPLES
61540501   DIASTYLIS
MID   1 2016 760727                                                   IN   1 SAMPLES
61540502   DIASTYLOPSIS
LOW   1 2050 760709   0 2063 770630                                   IN   2 SAMPLES
MID   0 2050 760709   1 2063 770630
61540801   CUMELLA
MID   1 2016 760727                                                   IN   1 SAMPLES
6154080102 CUMELLA VULGARIS
LOW   1 2016 760517   1 2016 760727   2 2016 770504   1 2016 770728   IN  13 SAMPLES
MID   0 2016 760517   0 2016 760727   1 2016 770504   0 2016 770728    3 2050 76070
6155       PERACARIDA TANAIDACEA                                      0 2050 76070
LOW   1 2016 770728                                                   IN   1 SAMPLES
6157       PERACARIDA TANAIDACEA DIKONOPHORA
LOW   0 1012 741212   1 2016 760727   0 2063 771018                   IN   3 SAMPLES
MID   0 1012 741212   0 2016 760727   1 2063 771018
HI    1 1012 741212   0 2016 760727   0 2063 771018
6157010301 ANATANAIS NORMANI
LOW   1 1012 741014   3 2016 760517   1 2016 760727   5 2016 770117   IN  54 SAMPLES
LOW   2 2063 780108   1 2063 780427  24 2063 780622   4 2063 790127    8 2016 77072
MID   0 1012 741014   0 2016 760517   0 2016 760727   0 2016 770117
6157010401 PANCOLUS CALIFORNIENSIS                                    0 2016 77072
LOW   2 2016 760517   1 2016 760727   3 2016 761123   1 2016 770504   IN  11 SAMPLES
MID   0 2016 760517   1 2016 760727   0 2016 761123   0 2016 770504    0 2050 760709
61570201   LEPTOCHELIA   (TANAIDACEA)                                  2 2050 760709
                                                                      IN   1 SAMPLES
```

```
18 1012 750428    4 1012 750707    0 1012 750805    0 1012 760115    4 2016 760517
 0 2016 770728    0 2016 771113    0 2016 780206    0 2050 760419    3 2050 760709
 1 2050 770407    2 2063 770408    0 2063 770630    2 2063 780108    0 2063 780427

 6 1012 750428    0 1012 750707    5 1012 750805    1 1012 760115    4 2016 760517
 5 2016 770728   24 2016 771113   18 2016 780206    1 2050 760419    8 2050 760709
 5 2050 770407    0 2063 770408    1 2063 770630   17 2063 780108    3 2063 780427

 0 1012 750428    1 1012 750707    1 1012 750805    1 1012 760115    3 2016 760517
 0 2016 770728    0 2016 771113    2 2016 780206    1 2050 760419    4 2050 760709
 3 2050 770407    0 2063 770408    0 2063 770630    0 2063 780108    2 2063 780427
        IN   3 SAMPLES


        IN   2 SAMPLES

        IN   3 SAMPLES


        IN   1 SAMPLES

        IN   6 SAMPLES

        IN   1 SAMPLES

        IN   5 SAMPLES
0 2063 770630   1 2063 780427
1 2063 770630   0 2063 780427
0 2063 770630   0 2063 780427
        IN   6 SAMPLES
2 2050 770407
        IN   1 SAMPLES

        IN   1 SAMPLES

        IN   1 SAMPLES

        IN   2 SAMPLES


        IN   1 SAMPLES

        IN  13 SAMPLES
2016 770728   3 2050 760709   2 2050 761124   2 2050 770407
2016 770728   0 2050 760709   0 2050 761124   0 2050 770407
        IN   1 SAMPLES

        IN   3 SAMPLES



        IN  54 SAMPLES
2016 770117   8 2016 770728   1 2016 771113   1 2050 761124   2 2063 770630
2063 790127
2016 770117   0 2016 770728   1 2016 771113   0 2050 761124   0 2063 770630
        IN  11 SAMPLES
2016 770504   0 2050 760709   1 2050 761124
2016 770504   2 2050 760709   0 2050 761124
        IN   1 SAMPLES
```

```
 HI    1 2063 770630
6157020101 LEPTOCHELIA SAVIGNYI
 LOW   2 1012 750223   1 1012 750428   0 1012 750805   0 1012 751105   0 2063 780
 MID   0 1012 750223   1 1012 750428   1 1012 750805   2 1012 751105   1 2063 780
 HI    0 1012 750223   0 1012 750428   0 1012 750805   0 1012 751105   1 2063 780
                                                      IN  18 SAMPLES
6157020103 LEPTOCHELIA DUBIA
 LOW   5 2016 770504   5 2016 770728   1 2016 771113   0 2016 780206   2 2050 770
 MID   0 2016 770504   1 2016 770728   0 2016 771113   0 2016 780206   0 2050 770
 HI    1 2016 770504   0 2016 770728   0 2016 771113   1 2016 780206   0 2050 770
                                                      IN  16 SAMPLES
6157020199 NAME NOT FOUND
 LOW   2 2016 760517   4 2016 760727   2 2016 761123   2 2016 770117   1 2050 770
 MID   0 2016 760517   1 2016 760727   0 2016 761123   1 2016 770117   0 2050 770
                                                      IN  13 SAMPLES
6160010501 PARANTHURA ELEGANS
 LOW   1 2016 770504
                                                      IN   1 SAMPLES
616102     SPHAEROMATIDAE
 LOW   1 2050 761124   0 2063 780108
 MID   0 2050 761124   1 2063 780108
                                                      IN   2 SAMPLES
61610201   TECTICEPS
 MID   1 2063 790127
                                                      IN   1 SAMPLES
6161020101 TECTICEPS ALASCENSIS
 HI    2 2016 760727
                                                      IN   2 SAMPLES
6161020301 ONORIMOSPHAEROMA OREGONENSIS
 LOW  16 1012 741014  11 1012 741212  18 1012 750223  14 1012 750428  12 1012 7507
 LOW   5 1012 760213   2 1012 760514  17 1012 760709   5 1012 760807   1 2016 7605
 LOW   2 2016 770504   0 2016 770728   1 2016 771113   0 2016 780206   0 2050 7604
 LOW   0 2063 770408   4 2063 770630   0 2063 771018   2 2063 780108   1 2063 7804
 LOW   5 3064 740815   0 3064 741031   0 3064 750807
 MID  10 1012 741014  12 1012 741212   5 1012 750223   4 1012 750428   3 1012 7507
 MID   7 1012 760213   2 1012 760514  10 1012 760709   5 1012 760807   4 2016 7605
 MID   2 2016 770504   2 2016 770728  12 2016 771113   1 2016 780206   2 2050 7604
 MID   2 2063 770408  14 2063 770630   1 2063 771018   8 2063 780108   4 2063 7804
 MID   3 3064 740815   1 3064 741031   1 3064 750807
 HI    1 1012 741014   3 1012 741212   0 1012 750223   0 1012 750428   0 1012 7507
 HI    0 1012 760213   0 1012 760514   1 1012 760709   1 1012 760807   0 2016 7605
 HI    0 2016 770504   1 2016 770728   1 2016 771113   3 2016 780206   1 2050 7604
 HI    0 2063 770408   0 2063 770630   0 2063 771018   2 2063 780108   2 2063 7804
 HI    0 3064 740815   1 3064 741031   1 3064 750807
61610204   EXOSPHAEROMA
 LOW   5 1012 741014   2 1012 750223   1 1012 750707   1 2016 760727   1 2016 7611
 MID   0 1012 741014   0 1012 750223   0 1012 750707   0 2016 760727   0 2016 7611
 MID   3 2063 780108                                                  IN  21 SAMPLES
 HI    0 1012 741014   0 1012 750223   0 1012 750707   0 2016 760727   0 2016 7611
6161020401 EXOSPHAEROMA AMPLICAUDA
 LOW  14 1012 741014   6 1012 741212   9 1012 750223  11 1012 750428   9 1012 7507
 LOW   1 1012 760213   3 1012 760514   2 1012 760709   4 1012 760807   1 2016 7605
 LOW   5 2016 770504   3 2016 771113   0 2050 760419   6 2050 760709   0 2050 7610
 LOW   1 2063 770408  23 2063 770630   3 2063 771018   6 2063 780108   7 2063 7804
 MID   1 1012 741014   1 1012 741212   0 1012 750223   1 1012 750428   0 1012 7507
 MID   0 2016 770504   0 2016 771113   2 2050 760419   1 2050 760709   1 2050 7610
 MID   0 2063 770408   7 2063 770630   4 2063 771018   8 2063 780108   6 2063 7804
 HI    0 2016 770504   0 2016 771113   0 2050 760419   1 2050 760709   0 2050 7610
 HI    0 2063 770408   1 2063 770630   0 2063 771018   2 2063 780108   2 2063 7804
                                                      IN 343 SAMPLES
6161020402 EXOSPHAEROMA MEDIA
 LOW   3 1012 741212   1 1012 750223   2 1012 750707   0 1012 751105   1 1012 7601
 LOW   3 2016 770504   1 2016 771113   4 2050 760709   0 2050 761025   5 2050 7611
 LOW   4 2063 790127
 MID   4 1012 741212   0 1012 750223   0 1012 750707   3 1012 751105   1 1012 7601
 MID   0 2016 770504   0 2016 771113   6 2050 760709   5 2050 761025   0 2050 7611
 MID   8 2063 790127
 HI    1 1012 741212   0 1012 750223   0 1012 750707   2 1012 751105   0 1012 7601
 HI    0 2016 770504   0 2016 771113   2 2050 760709   4 2050 761025   0 2050 7611
                                                      IN 100 SAMPLES
```

IN 18 SAMPLES

0 1012 751105	0 2063 780108	0 2063 780427
2 1012 751105	1 2063 780108	1 2063 780427
0 1012 751105	1 2063 780108	0 2063 780427

5 2063 780622	1 2063 790127	
0 2063 780622	2 2063 790127	
0 2063 780622	0 2063 790127	

IN 16 SAMPLES

0 2016 780206	2 2050 770407
0 2016 780206	0 2050 770407
1 2016 780206	0 2050 770407

IN 13 SAMPLES

2 2016 770117	1 2050 770106
1 2016 770117	0 2050 770106

IN 1 SAMPLES

IN 2 SAMPLES

IN 1 SAMPLES

IN 2 SAMPLES

IN 406 SAMPLES

14 1012 750428	12 1012 750707	16 1012 750805	2 1012 751105	14 1012 760115
5 1012 760807	1 2016 760517	3 2016 760727	1 2016 761123	2 2016 770117
0 2016 780206	0 2050 760419	3 2050 760709	1 2050 770106	5 2050 770407
2 2063 780108	1 2063 780427	2 2063 780622	1 2063 781019	3 2063 790127
4 1012 750428	3 1012 750707	7 1012 750805	9 1012 751105	9 1012 760115
5 1012 760807	4 2016 760517	6 2016 760727	2 2016 761123	1 2016 770117
1 2016 780206	2 2050 760419	8 2050 760709	6 2050 770106	4 2050 770407
8 2063 780108	4 2063 780427	32 2063 780622	0 2063 781019	9 2063 790127
0 1012 750428	0 1012 750707	2 1012 750805	2 1012 751105	0 1012 760115
1 1012 760807	0 2016 760517	0 2016 760727	1 2016 761123	2 2016 770117
3 2016 780206	1 2050 760419	1 2050 760709	0 2050 770106	0 2050 770407
2 2063 780108	2 2063 780427	2 2063 780622	0 2063 781019	1 2063 790127

IN 21 SAMPLES

1 2016 760727	1 2016 761123	0 2016 770504	0 2050 760709	6 2050 770407
0 2016 760727	0 2016 761123	0 2016 770504	1 2050 760709	0 2050 770407
0 2016 760727	0 2016 761123	1 2016 770504	0 2050 760709	0 2050 770407

IN 343 SAMPLES

11 1012 750428	9 1012 750707	13 1012 750805	10 1012 751105	18 1012 760115
4 1012 760807	1 2016 760517	2 2016 760727	1 2016 761123	2 2016 770117
6 2050 760709	0 2050 761025	4 2050 761124	14 2050 770106	2 2050 770407
6 2063 780108	7 2063 780427	37 2063 780622	10 2063 781019	24 2063 790127
1 1012 750428	0 1012 750707	2 1012 750805	8 1012 751105	0 1012 760115
1 2050 760709	1 2050 761025	0 2050 761124	0 2050 770106	0 2050 770407
8 2063 780108	6 2063 780427	24 2063 780622	15 2063 781019	3 2063 790127
1 2050 760709	0 2050 761025	0 2050 761124	0 2050 770106	0 2050 770407
2 2063 780108	2 2063 780427	2 2063 780622	0 2063 781019	0 2063 790127

IN 100 SAMPLES

0 1012 751105	1 1012 760115	2 1012 760709	1 2016 760727	1 2016 761123
0 2050 761025	5 2050 761124	8 2050 770106	10 2050 770407	1 2063 770408
3 1012 751105	1 1012 760115	0 1012 760709	0 2016 760727	2 2016 761123
5 2050 761025	0 2050 761124	6 2050 770106	5 2050 770407	0 2063 770408
2 1012 751105	0 1012 760115	0 1012 760709	0 2016 760727	0 2016 761123
1 2050 761025	0 2050 761124	0 2050 770106	4 2050 770407	0 2063 770408

6161020403 EXOSPHAEROMA RHOMBURUM

LOW	2	2016	770504	0	2050	761025	4	2050	761124	IN	11 SAMPLES
MID	0	2016	770504	4	2050	761025	0	2050	761124		
HI	0	2016	770504	1	2050	761025	0	2050	761124		

6161020404 EXOSPHAEROMA OCTONCUM

LOW	1	2050	770407	IN	1 SAMPLES

6161020501 DYNAMENELLA SHEARERI

LOW	1	1012	741014	1	1012	760709	1	2016	771113	1	2050	760709	IN 13 SAMPLES
MID	0	1012	741014	0	1012	760709	0	2016	771113	3	2050	760709	0 2050 761
													1 2050 761

6161050101 LIMNORIA LIGNORUM

LOW	1	2016	760517	IN	1 SAMPLES

6161050102 LIMNORIA ALGARUM

LOW	0	2016	760727	2	2016	770504	0	2016	770728	1	2063	770630	IN 8 SAMPLES
MID	1	2016	760727	0	2016	770504	1	2016	770728	0	2063	770630	1 2063 780
													2 2063 780

6162 PERACARIDA ISOPODA VALVIFERA

LOW	1	1012	741212	1	1012	750428	1	1012	750707	1	1012	750805	IN 4 SAMPLES

6162020201 SYNIDOTEA BICUSPIDA

LOW	1	1012	750707	0	1012	751105					IN 2 SAMPLES
HI	0	1012	750707	1	1012	751105					

6162020205 SYNIDOTEA NODULOSA

LOW	1	3064	740815	IN	1 SAMPLES

61620203 IDOTEA

LOW	4	1012	750223	5	1012	750428	1	1012	750707	1	1012	760115	IN 122 SAMPLES
LOW	8	2016	770504	3	2016	770728	4	2016	771113	0	2050	760419	3 2016 760
LOW	9	2050	770407	0	2063	770408	24	2063	770630	9	2063	771018	5 2050 760
MID	0	1012	750223	0	1012	750428	0	1012	750707	0	1012	760115	3 2063 780
MID	0	2016	770504	4	2016	770728	4	2016	771113	0	2050	760419	0 2016 760
MID	0	2050	770407	1	2063	770408	6	2063	770630	1	2063	771018	1 2050 760
HI	0	2016	770504	0	2016	770728	0	2016	771113	1	2050	760419	0 2063 780
HI	0	2050	770407	0	2063	770408	1	2063	770630	1	2063	771018	0 2050 760
													0 2063 780

6162020301 IDOTEA RESECATA

LOW	1	1012	741014	IN	1 SAMPLES

6162020302 IDOTEA WOSNESENSKII

LOW	1	1012	741014	2	1012	741212	2	1012	750223	6	1012	750428	IN 305 SAMPLES
LOW	1	1012	760213	3	1012	760514	4	1012	760709	2	1012	760807	8 1012 750
LOW	4	2016	770504	7	2016	770728	5	2016	771113	0	2016	780206	4 2016 760
LOW	2	2063	770408	13	2063	770630	9	2063	771018	4	2063	780108	6 2050 760
MID	7	1012	741014	4	1012	741212	1	1012	750223	0	1012	750428	11 2063 780
MID	1	1012	760213	0	1012	760514	0	1012	760709	0	1012	760807	0 1012 750
MID	3	2016	770504	9	2016	770728	11	2016	771113	3	2016	780206	2 2016 760
MID	0	2063	770408	1	2063	770630	0	2063	771018	0	2063	780108	7 2050 760
HI	1	1012	741014	0	1012	741212	0	1012	750223	0	1012	750428	12 2063 780
HI	0	2016	770504	0	2016	770728	0	2016	771113	0	2016	780206	0 1012 750
													1 2050 760

6162020305 IDOTEA OCHOTENSIS

LOW	2	2063	770408	2	2063	770630					IN 4 SAMPLES

6162020307 IDOTEA ACULEATA

LOW	1	2016	760517	1	2016	770504	3	2063	770408	1	2063	770630	IN 67 SAMPLES
LOW	4	2063	781019	21	2063	790127	1	3064	740815	0	3064	741031	6 2063 771
MID	0	2063	781019	0	2063	790127	0	3064	740815	1	3064	741031	1 3064 750
													0 3064 750

6162020312 IDOTEA SCHMITTI

MID	1	2016	771113	IN	1 SAMPLES

6162020313 IDOTEA MONTEREYENSIS

LOW	1	2050	770407	IN	1 SAMPLES

6162020398 NAME NOT FOUND

LOW	2	2016	760727	IN	2 SAMPLES

6162020399 NAME NOT FOUND

LOW	2	2016	760727	3	2016	761123				IN	5 SAMPLES

61630201 IANIROPSIS

LOW	1	2063	780108	0	2063	780427	22	2063	780622	IN	24 SAMPLES
MID	0	2063	780108	1	2063	780427	0	2063	780622		

6163020101 IANIROPSIS KINCAIDI

				IN	77 SAMPLES

IN 11 SAMPLES

IN 1 SAMPLES

IN 13 SAMPLES

1	2050	760709	0	2050	761025	2	2050	761124	3	2063	770630
3	2050	760709	1	2050	761025	0	2050	761124	0	2063	770630

IN 1 SAMPLES

IN 8 SAMPLES

1	2063	770630	1	2063	780622
0	2063	770630	2	2063	780622

IN 4 SAMPLES

1	1012	750805

IN 2 SAMPLES

IN 1 SAMPLES

IN 122 SAMPLES

1	1012	760115	3	2016	760517	2	2016	760727	1	2016	761123	1	2016	770117
0	2050	760419	5	2050	760709	0	2050	761025	3	2050	761124	3	2050	770106
9	2063	771018	3	2063	780108	4	2063	781019	1	2063	790127			
0	1012	760115	0	2016	760517	3	2016	760727	3	2016	761123	1	2016	770117
0	2050	760419	1	2050	760709	1	2050	761025	0	2050	761124	0	2050	770106
1	2063	771018	0	2063	780108	0	2063	781019	0	2063	790127			
1	2050	760419	0	2050	760709	0	2050	761025	0	2050	761124	0	2050	770106
1	2063	771018	0	2063	780108	0	2063	781019	0	2063	790127			

IN 1 SAMPLES

IN 305 SAMPLES

6	1012	750428	8	1012	750707	7	1012	750805	0	1012	751105	3	1012	760115
2	1012	760807	4	2016	760517	4	2016	760727	0	2016	761123	3	2016	770117
0	2016	780206	6	2050	760709	0	2050	761025	1	2050	770106	11	2050	770407
4	2063	780108	11	2063	780427	36	2063	780622	9	2063	781019	18	2063	790127
0	1012	750428	0	1012	750707	0	1012	750805	2	1012	751105	1	1012	760115
0	1012	760807	2	2016	760517	7	2016	760727	4	2016	761123	6	2016	770117
3	2016	780206	7	2050	760709	1	2050	761025	7	2050	770106	0	2050	770407
0	2063	780108	12	2063	780427	27	2063	780622	1	2063	781019	0	2063	790127
0	1012	750428	0	1012	750707	0	1012	750805	0	1012	751105	0	1012	760115
0	2016	780206	1	2050	760709	0	2050	761025	0	2050	770106	0	2050	770407

IN 4 SAMPLES

IN 67 SAMPLES

1	2063	770630	6	2063	771018	6	2063	780108	8	2063	780427	13	2063	780622
0	3064	741031	1	3064	750624									
1	3064	741031	0	3064	750624									

IN 1 SAMPLES

IN 1 SAMPLES

IN 2 SAMPLES

IN 5 SAMPLES

IN 24 SAMPLES

IN 77 SAMPLES

```
 LOW   1 1012 750428   1 2016 760517   5 2016 760727   2 2016 761123   2 2016 77
 LOW   6 2063 770630   3 2063 780108  26 2063 780622   1 2063 781019   5 2063 79
 MID   0 1012 750428   0 2016 760517   0 2016 760727   0 2016 761123   0 2016 77
 MID   0 2063 770630   0 2063 780108   2 2063 780622   0 2063 781019   1 2063 79
 HI    0 2063 770630   0 2063 780108   1 2063 780622   0 2063 781019   0 2063 79
6163020102 IANIROPSIS PUGETTENSIS                                      IN   1 SAMPLES
 LOW   1 1012 750428
6163020103 IANIROPSIS ANALOGA                                          IN   1 SAMPLES
 LOW   1 2016 760517
6163069999 NAME NOT FOUND                                              IN   1 SAMPLES
 LOW   1 2016 761123
6163110101 JAEROPSIS LOBATA                                            IN   2 SAMPLES
 LOW   1 2016 760517   1 2050 761124
61631201   MUNNA                                                       IN   1 SAMPLES
 LOW   1 2063 780622
6163120101 MUNNA STEPHENSENI                                           IN   2 SAMPLES
 LOW   0 2050 760709   1 2050 761124
 HI    1 2050 760709   0 2050 761124
6163120102 MUNNA CHROMATOCEPHALA                                       IN   4 SAMPLES
 LOW   1 2016 760727   1 2016 770728   2 2050 770407
6165040701 PHYLLODURUS ABDOMINALIS                                     IN   2 SAMPLES
 LOW   1 1012 750223   0 1012 760213
 MID   0 1012 750223   1 1012 760213
6166010101 LIGIA PALLASI                                               IN   1 SAMPLES
 LOW   1 2063 770630
6169       PERACARIDA AMPHIPODA GAMMARIDEA                             IN 482 SAMPLES
 LOW  10 1012 741014   8 1012 741212  15 1012 750223  11 1012 750428  15 1012 750
 LOW   2 1012 760213   5 1012 760514  15 1012 760709   6 1012 760807   6 2016 760
 LOW  20 2016 771113   0 2016 780206   1 2050 760709   0 2050 761025   4 2050 761
 LOW  14 2063 770630   5 2063 771018   2 2063 780108   7 2063 780622   0 2063 781
 MID  11 1012 741014  12 1012 741212   6 1012 750223   7 1012 750428   5 1012 750
 MID  10 1012 760213   3 1012 760514  13 1012 760709   6 1012 760807   5 2016 760
 MID  18 2016 771113   4 2016 780206   2 2050 760709   2 2050 761025   0 2050 761
 MID   5 2063 770630   2 2063 771018   7 2063 780108   2 2063 780622   3 2063 781
 HI    4 1012 741014   6 1012 741212   2 1012 750223   0 1012 750428   2 1012 750
 HI    5 1012 760213   3 1012 760514   2 1012 760709   4 1012 760807   6 2016 760
 HI    4 2016 771113   3 2016 780206   1 2050 760709   4 2050 761025   0 2050 761
 HI    2 2063 770630   0 2063 771018   1 2063 780108   0 2063 780622   0 2063 781
6169030202 NAME NOT FOUND                                              IN   7 SAMPLES
 LOW   7 2063 780622
61690401   AMPHITHOE                                                   IN 160 SAMPLES
 LOW   4 1012 741014   1 1012 750223   2 1012 750707   2 1012 750805   3 2016 770
 LOW   4 2063 780108   5 2063 780427  38 2063 780622  14 2063 781019  21 2063 790
 MID   0 1012 741014   0 1012 750223   0 1012 750707   0 1012 750805   0 2016 770
 MID   1 2063 780108   0 2063 780427   9 2063 780622   2 2063 781019   0 2063 790
6169040104 AMPHITHOE SIMULANS                                          IN  16 SAMPLES
 LOW   5 1012 750805   4 2016 770728   2 2063 770408   1 2063 771018
 MID   0 1012 750805   4 2016 770728   0 2063 770408   0 2063 771018
6169040112 AMPHITHOE MEA                                               IN   1 SAMPLES
 LOW   1 2016 770728
6169040115 AMPHITHOE LONGIMANA                                         IN   4 SAMPLES
 LOW   4 2063 780108
6169040116 AMPHITHOE VALIDA                                            IN   1 SAMPLES
 LOW   1 1012 750805
6169040195 NAME NOT FOUND                                              IN   4 SAMPLES
 LOW   4 2016 770728
6169040198 NAME NOT FOUND                                              IN  10 SAMPLES
 LOW   4 2016 760517   3 2050 760709
 MID   0 2016 760517   2 2050 760709
 HI    0 2016 760517   1 2050 760709
6169060202 ADROIDES COLUMBIAE                                          IN  63 SAMPLES
```

```
2 2016 761123   2 2016 770117   5 2016 770504   7 2016 770728   8 2016 771113
1 2063 781019   5 2063 790127
0 2016 761123   0 2016 770117   0 2016 770504   0 2016 770728   1 2016 771113
0 2063 781019   1 2063 790127
0 2063 781019   0 2063 790127
        IN   1 SAMPLES

        IN   1 SAMPLES

        IN   1 SAMPLES

        IN   2 SAMPLES

        IN   1 SAMPLES

        IN   2 SAMPLES


        IN   4 SAMPLES

        IN   2 SAMPLES


        IN   1 SAMPLES

        IN 482 SAMPLES
11 1012 750428  15 1012 750707   2 1012 750805  10 1012 751105  18 1012 760115
 6 1012 760807   6 2016 760727   4 2016 761123  19 2016 770117  19 2016 770504
 0 2050 761025   4 2050 761124  10 2050 770106  20 2050 770407   1 2063 770408
 7 2063 780622   0 2063 781019
 7 1012 750428   5 1012 750707   1 1012 750805   8 1012 751105  13 1012 760115
 6 1012 760807   5 2016 760727   4 2016 761123  13 2016 770117   1 2016 770504
 2 2050 761025   0 2050 761124   1 2050 770106   1 2050 770407   1 2063 770408
 2 2063 780622   3 2063 781019
 0 1012 750428   2 1012 750707   0 1012 750805   5 1012 751105   1 1012 760115
 4 1012 760807   6 2016 760727   3 2016 761123   4 2016 770117   4 2016 770504
 4 2050 761025   0 2050 761124   0 2050 770106   1 2050 770407   0 2063 770408
 0 2063 780622   0 2063 781019
        IN   7 SAMPLES

        IN 160 SAMPLES
 2 1012 750805   3 2016 770728   2 2063 770408  32 2063 770630  18 2063 771018
 4 2063 781019  21 2063 790127
 0 1012 750805   0 2016 770728   1 2063 770408   1 2063 770630   0 2063 771018
 2 2063 781019   0 2063 790127
        IN  16 SAMPLES
1 2063 771018
0 2063 771018
        IN   1 SAMPLES

        IN   4 SAMPLES

        IN   1 SAMPLES

        IN   4 SAMPLES

        IN  10 SAMPLES


        IN  63 SAMPLES
```

```
 LOW   0 2016 760517   4 2016 770728   3 2063 770630   9 2063 771018   1 2063
 LOW   2 2063 790127
 MID   1 2016 760517   0 2016 770728   0 2063 770630   0 2063 771018   1 2063
 HI    0 2016 760517   0 2016 770728   0 2063 770630   0 2063 771018   0 2063
6169090101 ATYLUS TRIDENS                                          IN   1 SAMPLES
 LOW   1 2050 760709
616912     CALLIOPIIDAE                                            IN   1 SAMPLES
 LOW   1 2016 760517
61691202   CALLIOPIUS                                              IN   1 SAMPLES
 LOW   1 1012 750707
6169121001 CALLIOPIELLA PRATTI                                     IN   4 SAMPLES
 LOW   0 2050 760419   2 2063 780622   1 2063 790127
 HI    1 2050 760419   0 2063 780622   0 2063 790127
61691502   COROPHIUM                                               IN 149 SAMPLES
 LOW   3 1012 741014   5 1012 750223   8 1012 750428   9 1012 750707   9 1012 7
 LOW   2 1012 760514   6 1012 760709   3 1012 760807   3 2016 760727   1 2016 7
 LOW   0 2016 780206   1 2050 760709   0 2050 761025   1 2050 770106   3 2050 7
 MID   0 1012 741014   0 1012 750223   2 1012 750428   3 1012 750707   0 1012 7
 MID   1 1012 760514   0 1012 760709   0 1012 760807   5 2016 760727   4 2016 7
 MID  15 2016 780206   3 2050 760709   2 2050 761025   6 2050 770106   0 2050 7
 HI    0 1012 760514   0 1012 760709   0 1012 760807   1 2016 760727   0 2016 7
 HI    1 2016 780206   0 2050 760709   0 2050 761025   0 2050 770106   0 2050 7
6169150208 COROPHIUM BREVIS                                        IN  14 SAMPLES
 LOW   1 1012 750805   3 2016 760517   0 2016 770728   0 2050 760709
 MID   0 1012 750805   2 2016 760517   6 2016 770728   1 2050 760709
 HI    0 1012 750805   0 2016 760517   1 2016 770728   0 2050 760709
6169170301 POLYCHERIA OSBORNI                                      IN   1 SAMPLES
 LOW   1 2063 780622
61692001   ACCEDOMOERA                                             IN   2 SAMPLES
 LOW   0 2016 760517   1 2050 760709
 MID   1 2016 760517   0 2050 760709
6169200101 ACCEDOMOERA VAGOR                                       IN   1 SAMPLES
 LOW   1 2016 770728
6169200197 NAME NOT FOUND                                          IN   2 SAMPLES
 LOW   2 2016 760517
61692010   PARAMOERA                                               IN  19 SAMPLES
 LOW   5 2063 780622
 MID   9 2063 780622
 HI    5 2063 780622
6169201001 PARAMOERA COLUMBIANA                                    IN   6 SAMPLES
 LOW   1 2016 760517   0 2016 770728
 HI    1 2016 760517   4 2016 770728
6169201003 PARAMOERA MOHRI                                         IN  85 SAMPLES
 LOW   1 2063 770408  12 2063 770630   2 2063 771018   5 2063 780108   2 2063 780
 MID   2 2063 770408   8 2063 770630   0 2063 771018  10 2063 780108   3 2063 780
 HI    1 2063 770408   3 2063 770630   0 2063 771018   6 2063 780108   3 2063 780
6169201095 NAME NOT FOUND                                          IN   1 SAMPLES
 MID   1 2016 770728
6169201097 NAME NOT FOUND                                          IN   2 SAMPLES
 HI    2 2050 760709
6169201098 NAME NOT FOUND                                          IN   2 SAMPLES
 HI    2 2016 760517
61692012   PONTOGENEIA                                             IN  83 SAMPLES
 LOW   2 1012 741014   6 1012 750428  10 1012 750707   5 1012 750805   8 2063 771
 LOW   5 2063 781019   1 2063 790127
 MID   1 1012 741014   3 1012 750428   3 1012 750707   2 1012 750805   4 2063 771
 MID   2 2063 781019   0 2063 790127
 HI    0 1012 741014   0 1012 750428   1 1012 750707   0 1012 750805   0 2063 771
6169201204 PONTOGENEIA INTERMEDIA                                  IN   1 SAMPLES
 LOW   1 1012 750805
6169201297 NAME NOT FOUND                                          IN   1 SAMPLES
```

```
10   9 2063 771018    1 2063 780108    4 2063 780427   34 2063 780622    1 2063 781019

10   0 2063 771018    1 2063 780108    0 2063 780427    0 2063 780622    2 2063 781019
 0   0 2063 771018    0 2063 780108    0 2063 780427    1 2063 780622    0 2063 781019
          IN    1 SAMPLES

          IN    1 SAMPLES

          IN    1 SAMPLES

          IN    4 SAMPLES
 7
 7

          IN  149 SAMPLES
 3   9 1012 750707    9 1012 750805    2 1012 751105    1 1012 760115    0 1012 760213
 7   3 2016 760727    1 2016 761123    0 2016 770117    0 2016 770504    0 2016 771113
 5   1 2050 770106    3 2050 770407    0 2063 770630
 3   3 1012 750707    0 1012 750805    1 1012 751105    0 1012 760115    5 1012 760213
 7   5 2016 760727    4 2016 761123   17 2016 770117    1 2016 770504   23 2016 771113
 )   6 2050 770106    0 2050 770407    1 2063 770630
 7   1 2016 760727    0 2016 761123    0 2016 770117    0 2016 770504    1 2016 771113
 1   0 2050 770106    0 2050 770407    0 2063 770630
          IN   14 SAMPLES
     0 2050 760709
     1 2050 760709
     0 2050 760709
          IN    1 SAMPLES

          IN    2 SAMPLES


          IN    1 SAMPLES

          IN    2 SAMPLES

          IN   19 SAMPLES


          IN    6 SAMPLES


          IN   85 SAMPLES
   5 2063 780108    2 2063 780427    1 2063 780622    8 2063 790127
  10 2063 780108    3 2063 780427    3 2063 780622   11 2063 790127
   6 2063 780108    3 2063 780427    0 2063 780622    4 2063 790127
          IN    1 SAMPLES

          IN    2 SAMPLES

          IN    2 SAMPLES

          IN   83 SAMPLES
   5 1012 750805    8 2063 771018    0 2063 780108    1 2063 780427   24 2063 780622

   2 1012 750805    4 2063 771018    1 2063 780108    3 2063 780427    1 2063 780622

   0 1012 750805    0 2063 771018    0 2063 780108    0 2063 780427    0 2063 780622
          IN    1 SAMPLES

          IN    1 SAMPLES
```

```
 LOW   1 2050 760709
6169201299 NAME NOT FOUND
 LOW   4 2016 760517   2 2016 770728   3 2050 760709                    IN  10 SAMPLES
 MID   0 2016 760517   1 2016 770728   0 2050 760709
616921     GAMMARIDAE
 LOW   2 1012 741212   2 2063 770630                                   IN  16 SAMPLES
 MID   7 1012 741212   0 2063 770630
 HI    5 1012 741212   0 2063 770630
6169210805 MAERA DUBIA
 LOW   5 3064 740815   0 3064 741031   0 3064 741227   0 3064 750219   3 3064 7504   IN  52 SAMPLES
 MID   5 3064 740815   2 3064 741031   2 3064 741227   4 3064 750219   2 3064 7504
 HI    1 3064 740815   5 3064 741031   5 3064 741227   5 3064 750219   2 3064 7504
6169210999 NAME NOT FOUND
 LOW   1 2050 760709                                                   IN   1 SAMPLES
61692110   MELITA    (AMPHIPODA)
 LOW   0 1012 750805   1 2016 760727   1 2063 771018   1 2063 780108   1 2063 7804   IN  19 SAMPLES
 MID   3 1012 750805   0 2016 760727   2 2063 771018   0 2063 780108   1 2063 7804
6169211005 MELITA CALIFORNICA
 LOW   4 2016 760517   1 2016 770728   2 2063 770630                   IN   7 SAMPLES
6169211008 MELITA DESDICHADA
 LOW   4 2016 770728                                                   IN   4 SAMPLES
6169220101 EOHAUSTORIUS WASHINGTONIANUS
 LOW   1 2016 760517   1 2050 760709   1 2050 770106                   IN   3 SAMPLES
61692303   NAJNA
 LOW   8 2063 780622                                                   IN   8 SAMPLES
6169240105 ALLORCHESTES ANGUSTUS
 LOW   3 1012 750805   1 2016 760517   0 2016 770728   1 2063 780622   IN   7 SAMPLES
 MID   0 1012 750805   0 2016 760517   1 2016 770728   0 2063 780622
 HI    0 1012 750805   0 2016 760517   1 2016 770728   0 2063 780622
61692402   HYALE
 LOW  14 1012 750428  17 1012 750707  13 1012 750805  36 2063 770630  23 2063 77101  IN 314 SAMPLES
 LOW  19 2063 781019  35 2063 790127
 MID   4 1012 750428   8 1012 750707  11 1012 750805   3 2063 770630   7 2063 77101
 MID   9 2063 781019   6 2063 790127
 HI    0 1012 750428   1 1012 750707   3 1012 750805   1 2063 770630   0 2063 77101
6169240201 HYALE RUBRA
 LOW   6 1012 750805   4 2016 760517  10 2016 770728   4 2050 760709   4 2063 77040  IN  33 SAMPLES
 MID   1 1012 750805   0 2016 760517   1 2016 770728   2 2050 760709   0 2063 77040
 HI    0 1012 750805   0 2016 760517   0 2016 770728   1 2050 760709   0 2063 77040
6169240204 HYALE PLUMULOSA
 LOW   7 1012 741014  11 1012 750223   1 1012 750805   0 2063 790127   IN  42 SAMPLES
 MID   8 1012 741014   2 1012 750223   6 1012 750805   1 2063 790127
 HI    4 1012 741014   0 1012 750223   2 1012 750805   0 2063 790127
61692404   PARALLORCHESTES
 LOW   6 2063 770630   4 2063 780108   4 2063 780427                   IN  18 SAMPLES
 MID   1 2063 770630   1 2063 780108   1 2063 780427
 HI    1 2063 770630   0 2063 780108   0 2063 780427
6169240401 PARALLORCHESTES OCHOTENSIS(EAST PAC/BEACH FLEA)            IN 112 SAMPLES
 LOW  10 1012 750805   4 2016 760517   7 2016 770728   3 2050 760709   3 2063 770408
 LOW  22 2063 780622   3 2063 781019   8 2063 790127
 MID   8 2063 780622   0 2063 781019   0 2063 790127
 HI    0 1012 750805   0 2016 760517   0 2016 770728   1 2050 760709   0 2063 770408
61692602   PHOTIS
 LOW   1 2016 760517   1 2016 770728   0 2050 760709   1 2063 770630   1 2063 780108  IN  34 SAMPLES
 HI    0 2016 760517   0 2016 770728   1 2050 760709   0 2063 770630   0 2063 780108
6169260201 PHOTIS BREVIPES
 LOW   1 2016 770728   1 2063 780427   5 2063 790127                   IN   7 SAMPLES
6169260297 NAME NOT FOUND
 MID   1 2016 760517                                                   IN   1 SAMPLES
61692603   PROTOMEDEIA
 LOW   1 2063 770630                                                   IN   1 SAMPLES
```

IN 10 SAMPLES

IN 16 SAMPLES

IN 52 SAMPLES

0	3064	750219	3 3064 750426	3	3064	750624	0 3064 750807
4	3064	750219	2 3064 750426	1	3064	750624	4 3064 750807
5	3064	750219	2 3064 750426	0	3064	750624	3 3064 750807

IN 1 SAMPLES

IN 19 SAMPLES

1	2063	780108	1 2063 780427	6	2063	780622	1 2063 790127
0	2063	780108	1 2063 780427	1	2063	780622	1 2063 790127

IN 7 SAMPLES

IN 4 SAMPLES

IN 3 SAMPLES

IN 8 SAMPLES

IN 7 SAMPLES

1 2063 780622
0 2063 780622
0 2063 780622

IN 314 SAMPLES

36	2063	770630	23 2063 771018	17	2063	780108	9 2063 780427	54	2063 780622
3	2063	770630	7 2063 771018	0	2063	780108	3 2063 780427	21	2063 780622
1	2063	770630	0 2063 771018	0	2063	780108	0 2063 780427	0	2063 780622

IN 33 SAMPLES

4	2050	760709	4 2063 770408
2	2050	760709	0 2063 770408
1	2050	760709	0 2063 770408

IN 42 SAMPLES

0 2063 790127
1 2063 790127
0 2063 790127

IN 18 SAMPLES

EA) IN 112 SAMPLES

3	2050	760709	3 2063 770408	23	2063	770630	18 2063 771018	2	2063 780427
1	2050	760709	0 2063 770408	0	2063	770630	0 2063 771018	0	2063 780427

IN 34 SAMPLES

:	2063	770630	1 2063 780108	28	2063	780622	1 2063 781019		
)	2063	770630	0 2063 780108	0	2063	780622	0 2063 781019		

IN 7 SAMPLES

IN 1 SAMPLES

IN 1 SAMPLES

6169260401 GAMMAROPSIS THOMPSONI
MID 1 2063 790127 IN 1 SAMPLES
61692702 ISCHYROCERUS
LOW 4 2063 771018 29 2063 780622 5 2063 781019 1 2063 790127 IN 43 SAMPLES
MID 0 2063 771018 0 2063 780622 1 2063 781019 2 2063 790127
HI 0 2063 771018 1 2063 780622 0 2063 781019 0 2063 790127
6169270202 ISCHYROCERUS ANGUIPES
LOW 1 2016 760517 6 2016 770728 2 2050 760709 11 2063 771018 6 2063 78 IN 31 SAMPLES
MID 1 2016 760517 0 2016 770728 0 2050 760709 2 2063 771018 0 2063 78
6169270208 ISCHYROCERUS ELONGATUS
LOW 1 2063 790127 IN 1 SAMPLES
6169270302 JASSA FALCATA
LOW 2 2016 760517 IN 2 SAMPLES
61693403 ANONYX
LOW 2 2050 760709 IN 3 SAMPLES
MID 1 2050 760709
6169340312 ANONYX LATICOXAE
LOW 2 2050 760709 IN 3 SAMPLES
MID 1 2050 760709
6169340398 NAME NOT FOUND
LOW 1 2050 760709 IN 1 SAMPLES
61693429 ORCHOMENE
LOW 1 2063 781019 IN 4 SAMPLES
MID 3 2063 781019
6169342904 ORCHOMENE PINQUIS
LOW 2 2063 771018 2 2063 780622 0 2063 781019 IN 6 SAMPLES
MID 0 2063 771018 0 2063 780622 2 2063 781019
6169371498 NAME NOT FOUND
LOW 1 2050 760709 IN 1 SAMPLES
616942 PHOXOCEPHALIDAE
LOW 1 1012 750428 0 2063 770630 1 2063 771018 1 2063 780622 1 2063 781 IN 5 SAMPLES
MID 0 1012 750428 1 2063 770630 0 2063 771018 0 2063 780622 0 2063 781
61694209 PARAPHOXUS
LOW 1 1012 760709 IN 1 SAMPLES
6169420921 PARAPHOXUS MILLERI
HI 1 3064 740815 IN 1 SAMPLES
6169420928 PARAPHOXUS SPINOSUS
LOW 2 2016 760517 0 2016 770728 5 2050 760709 IN 11 SAMPLES
MID 1 2016 760517 1 2016 770728 2 2050 760709
616943 PLEUSTIDAE
LOW 1 2050 760709 IN 1 SAMPLES
61694303 PARAPLEUSTES
LOW 1 2063 771018 IN 1 SAMPLES
6169430301 PARAPLEUSTES NAUTILUS
LOW 3 2063 770630 1 2063 780108 4 2063 780622 3 2063 790127 IN 11 SAMPLES
6169430302 PARAPLEUSTES PUGETTENSIS
LOW 1 2016 760517 11 2063 780622 IN 13 SAMPLES
MID 0 2016 760517 1 2063 780622
6169430408 PLEUSTES DEPRESSA
LOW 1 2063 771018 IN 1 SAMPLES
6169430701 PLEUSIRUS SECORRUS
LOW 1 2063 780622 IN 1 SAMPLES
61695101 ORCHESTIA
MID 1 2016 770728 0 2050 760709 2 2063 780108 0 2063 781019 IN 8 SAMPLES
HI 1 2016 770728 2 2050 760709 0 2063 780108 2 2063 781019
6169510106 ORCHESTIA TRASKIANA
LOW 0 1012 750707 1 1012 750805 0 2063 770630 0 2063 771018 IN 7 SAMPLES
HI 1 1012 750707 1 1012 750805 1 2063 770630 3 2063 771018
61695104 ORCHESTOIDEA
MID 1 2063 780108 IN 1 SAMPLES
6169510401 ORCHESTOIDEA PUGETTENSIS
IN 3 SAMPLES

IN 1 SAMPLES

IN 43 SAMPLES
19 1 2063 790127
19 2 2063 790127
19 0 2063 790127
IN 31 SAMPLES
09 11 2063 771018 6 2063 780108 2 2063 780427
09 2 2063 771018 0 2063 780108 0 2063 780427
IN 1 SAMPLES

IN 2 SAMPLES

IN 3 SAMPLES

IN 3 SAMPLES

IN 1 SAMPLES

IN 4 SAMPLES

IN 6 SAMPLES
9
9

IN 1 SAMPLES

IN 5 SAMPLES
3 1 2063 780622 1 2063 781019
3 0 2063 780622 0 2063 781019
IN 1 SAMPLES

IN 1 SAMPLES

IN 11 SAMPLES

IN 1 SAMPLES

IN 1 SAMPLES

IN 11 SAMPLES
3 2063 790127
IN 13 SAMPLES

IN 1 SAMPLES

IN 1 SAMPLES

IN 8 SAMPLES
0 2063 781019
2 2063 781019
IN 7 SAMPLES
0 2063 771018
3 2063 771018
IN 1 SAMPLES

IN 3 SAMPLES

```
 HI     3 2016 770728
617001      HYPERIIDAE
 LOW    1 2016 760517                                                    IN    1 SAMPLES
6171         PERACARIDA AMPHIPODA CAPRELLIDEA
 LOW    3 2063 770630                                                    IN    3 SAMPLES
6171010102 CERCOPS COMPACTA
 LOW    1 2016 760727                                                    IN    1 SAMPLES
6171010402 METACAPRELLA ANOMALA
 MID    1 2063 781019                                                    IN    1 SAMPLES
6171010602 TRITELLA PILIMANA
 LOW    1 1012 741014    1 2063 790127                                   IN    2 SAMPLES
61710107    CAPRELLA     (AMPHIPODA)
 LOW    1 2016 770728    1 2063 770630    2 2063 780622    1 2063 790127 IN    5 SAMPLES
6171010704 CAPRELLA CILIATA
 LOW    5 2063 780622                                                    IN    5 SAMPLES
6171010713 CAPRELLA INCISA
 MID    1 2050 761025                                                    IN    1 SAMPLES
6171010715 CAPRELLA AUGUSTA
 LOW    1 2016 770728                                                    IN    1 SAMPLES
6175         EUCARIDA DECAPODA(ARTHROPODA)
 LOW    1 1012 750223    1 1012 750707    4 1012 750805    1 1012 760807   1 2016 77072  IN   46 SAMPLES
 MID    0 1012 750223    1 1012 750707    6 1012 750805    2 1012 760807   0 2016 77072
 HI     0 1012 750223    0 1012 750707    3 1012 750805    2 1012 760807   0 2016 77072
6179         EUCARIDA DECAPODA PLEOCYEMATA CARIDEA
 LOW    1 1012 750223                                                    IN    1 SAMPLES
617916      HIPPOLYTIDAE
 LOW    1 2016 760727                                                    IN    1 SAMPLES
6179160102 HIPPOLYTE CLARKI
 LOW    1 2016 761123                                                    IN    1 SAMPLES
61791604    EUALUS
 LOW    1 2016 760727                                                    IN    1 SAMPLES
61791605    HEPTACARPUS
 LOW    1 2016 770117                                                    IN    1 SAMPLES
6179160510 HEPTACARPUS BREVIROSTRIS
 LOW    0 1012 741014    1 2063 780622                                   IN    2 SAMPLES
 MID    1 1012 741014    0 2063 780622
61792201    CRANGON
 LOW    1 1012 741014                                                    IN    1 SAMPLES
6179220101 CRANGON NIGRICAUDA
 LOW    1 2050 760709                                                    IN    1 SAMPLES
6179220115 CRANGON MUNITELLA
 LOW    1 2050 770407                                                    IN    1 SAMPLES
618304      CALLIANASSIDAE
 LOW    2 2016 760727                                                    IN    2 SAMPLES
6183040101 UPOGEBIA PUGETTENSIS
 LOW    3 1012 741014    2 1012 741212    3 1012 750707    3 1012 750805   2 1012 751105  IN   25 SAMPLES
 LOW    2 1012 760709    1 1012 760807    1 2016 760727    1 2016 761123
 MID    0 1012 741014    0 1012 741212    0 1012 750707    0 1012 750805   0 1012 751105
618306      PAGURIDAE
 LOW    1 2016 770504    4 2050 760709    1 2050 770407                    IN    6 SAMPLES
61830601    PAGURISTES
 LOW    8 2063 780622                                                    IN   12 SAMPLES
 MID    4 2063 780622
61830602    PAGURUS     (DECAPODA)
 LOW   14 1012 741014   12 1012 741212   16 1012 750223   15 1012 750428  20 1012 750707  IN  293 SAMPLES
 LOW    1 1012 760213    0 1012 760514   17 1012 760709    5 1012 760807   1 2016 760517
 LOW    0 2016 770504    9 2016 770728    2 2016 771113    0 2016 780206   0 2050 760709
 LOW    1 2050 770407    1 2063 770630   10 2063 771018    0 2063 780427  32 2063 780622
 MID    5 1012 741014    8 1012 741212    2 1012 750223    1 1012 750428   2 1012 750707
 MID    0 1012 760213    1 1012 760514    5 1012 760709    5 1012 760807   1 2016 760517
 MID    3 2016 770504    3 2016 770728    2 2016 771113    3 2016 780206   1 2050 760709
```

IN 1 SAMPLES

IN 3 SAMPLES

IN 1 SAMPLES

IN 1 SAMPLES

IN 2 SAMPLES

IN 5 SAMPLES

22 1 2063 790127

IN 5 SAMPLES

IN 1 SAMPLES

IN 1 SAMPLES

IN 46 SAMPLES

05 1 1012 760807 1 2016 770728 4 2063 770630 18 2063 780622

05 2 1012 760807 0 2016 770728 1 2063 770630 1 2063 780622

05 2 1012 760807 0 2016 770728 0 2063 770630 0 2063 780622

IN 1 SAMPLES

IN 1 SAMPLES

IN 1 SAMPLES

IN 1 SAMPLES

IN 1 SAMPLES

IN 2 SAMPLES

IN 1 SAMPLES

IN 1 SAMPLES

IN 1 SAMPLES

IN 2 SAMPLES

IN 25 SAMPLES

3 1012 750805 2 1012 751105 4 1012 760115 0 1012 760213 1 1012 760514

1 2016 761123

0 1012 750805 0 1012 751105 0 1012 760115 2 1012 760213 0 1012 760514

IN 6 SAMPLES

IN 12 SAMPLES

IN 293 SAMPLES

15 1012 750428 20 1012 750707 15 1012 750805 6 1012 751105 12 1012 760115

5 1012 760807 1 2016 760517 6 2016 760727 2 2016 761123 2 2016 770117

0 2016 780206 0 2050 760709 0 2050 761025 2 2050 761124 1 2050 770106

0 2063 780427 32 2063 780622 6 2063 781019 1 2063 790127

1 1012 750428 2 1012 750707 3 1012 750805 7 1012 751105 3 1012 760115

5 1012 760807 1 2016 760517 4 2016 760727 4 2016 761123 2 2016 770117

3 2016 780206 1 2050 760709 3 2050 761025 0 2050 761124 0 2050 770106

MID 0 2050 770407 3 2063 770630 0 2063 771018 1 2063 780427 9 2063 780622
HI 0 1012 741014 1 1012 741212 0 1012 750223 0 1012 750428 0 1012 750707
HI 0 1012 760213 0 1012 760514 1 1012 760709 0 1012 760807 0 2016 760517
6183060209 PAGURUS BERINGANUS
LOW 5 1012 741014 3 1012 741212 4 1012 760709 0 2063 780622 2 2063 781019 IN 24 SAMPLES
MID 5 1012 741014 1 1012 741212 1 1012 760709 1 2063 780622 0 2063 781019
6183060211 PAGURUS GRANOSIMANUS
LOW 4 1012 741014 2 1012 741212 1 1012 750223 1 1012 750428 2 1012 750805 IN 20 SAMPLES
LOW 1 2050 761124 1 2063 780108
MID 0 1012 741014 0 1012 741212 0 1012 750223 0 1012 750428 1 1012 750805
6183060213 PAGURUS HIRSUTIUSCULUS
LOW 14 1012 741014 3 1012 741212 2 1012 750223 3 1012 750428 2 1012 750805 IN 165 SAMPLES
LOW 1 1012 760514 3 1012 760709 3 1012 760807 1 2016 760517 2 2016 760727
LOW 0 2016 770728 1 2016 771113 0 2016 780206 1 2050 760709 0 2050 761025
LOW 3 2063 771018 9 2063 780108 2 2063 780427 3 2063 780622 5 2063 781019
MID 7 1012 741014 8 1012 741212 1 1012 750223 0 1012 750428 0 1012 750805
MID 0 1012 760514 2 1012 760709 2 1012 760807 2 2016 760517 4 2016 760727
MID 9 2016 770728 4 2016 771113 7 2016 780206 2 2050 760709 2 2050 761025
MID 2 2063 771018 3 2063 780108 1 2063 780427 3 2063 780622 0 2063 781019
HI 0 1012 741014 0 1012 741212 0 1012 750223 0 1012 750428 0 1012 750805
6183060228 PAGURUS BERNHARDUS
LOW 1 2063 780622 IN 2 SAMPLES
MID 1 2063 780622
6183080401 OEDIGNATHUS INERMIS
LOW 1 2016 760727 IN 1 SAMPLES
61830811 CRYPTOLITHODES
MID 8 2016 770728 IN 8 SAMPLES
6183087101 NAME NOT FOUND
LOW 2 1012 750223 IN 2 SAMPLES
6184 EUCARIDA DECAPODA PLEOCYEMATA BRACHYURA
LOW 1 1012 751105 IN 1 SAMPLES
618701 MAJIDAE
LOW 1 2016 770504 IN 1 SAMPLES
6187010101 OREGONIA GRACILIS
LOW 1 1012 760709 1 2063 770630 2 2063 780622 0 2063 790127 IN 5 SAMPLES
MID 0 1012 760709 0 2063 770630 0 2063 780622 1 2063 790127
61870105 PUGETTIA (DECAPODA)
LOW 1 1012 741014 1 2016 760727 0 2016 770728 48 2063 780622 1 2063 781019 IN 60 SAMPLES
MID 0 1012 741014 0 2016 760727 1 2016 770728 8 2063 780622 0 2063 781019
6187010501 PUGETTIA PRODUCTA
LOW 1 2016 770728 1 2063 790127 IN 2 SAMPLES
6187010502 PUGETTIA RICHII
LOW 19 2063 780622 1 2063 781019 8 2063 790127 IN 28 SAMPLES
6187010503 PUGETTIA GRACILIS
LOW 5 1012 741014 2 1012 741212 1 1012 750223 4 1012 760115 1 1012 760709 IN 127 SAMPLES
LOW 5 2016 770117 5 2016 770504 21 2016 770728 7 2016 771113 2 2050 760709
LOW 3 2063 770408 26 2063 770630 8 2063 771018 9 2063 780108 2 2063 780622
MID 0 2063 770408 1 2063 770630 0 2063 771018 0 2063 780108 0 2063 780622
HI 0 2016 770117 0 2016 770504 0 2016 770728 0 2016 771113 1 2050 760709
6188 EUCARIDA DECAPODA PLEOCYEMATA BRACHYURA CANCRIDEA
LOW 1 2016 761123 IN 1 SAMPLES
6188020101 TELMESSUS CHEIRAGONUS
LOW 4 2016 760727 2 2016 770728 1 2050 760709 1 2063 770630 IN 8 SAMPLES
61880301 CANCER
LOW 1 1012 750805 1 2016 761123 1 2050 770106 1 2063 780108 22 2063 780622 IN 33 SAMPLES
MID 0 1012 750805 0 2016 761123 0 2050 770106 0 2063 780108 7 2063 780622
6188030101 CANCER PRODUCTUS
LOW 2 1012 741014 1 1012 750428 1 1012 751105 1 1012 760115 2 1012 760514 IN 16 SAMPLES
LOW 1 2016 770117 1 2016 770504 3 2016 770728 1 2016 771113
6188030104 CANCER MAGISTER
LOW 0 2016 771113 1 2063 781019 IN 2 SAMPLES

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 1 2063 780427    9 2063 780622    1 2063 781019    0 2063 790127
 0 1012 750428    0 1012 750707    0 1012 750805    0 1012 751105    0 1012 760115
 0 1012 760807    0 2016 760517    0 2016 760727    0 2016 761123    0 2016 770117
        IN  24 SAMPLES
 0 2063 780622    2 2063 781019    2 2063 790127
 1 2063 780622    0 2063 781019    0 2063 790127
        IN  20 SAMPLES
 1 1012 750428    2 1012 750805    0 1012 751105    3 1012 760115    2 1012 760709

 0 1012 750428    1 1012 750805    1 1012 751105    1 1012 760115    0 1012 760709
        IN 165 SAMPLES
 3 1012 750428    2 1012 750805    0 1012 751105    9 1012 760115    1 1012 760213
 1 2016 760517    2 2016 760727    2 2016 761123    1 2016 770117    1 2016 770504
 1 2050 760709    0 2050 761025    1 2050 761124    1 2063 770408    5 2063 770630
 3 2063 780622    5 2063 781019    7 2063 790127
 0 1012 750428    0 1012 750805    1 1012 751105    3 1012 760115    6 1012 760213
 2 2016 760517    4 2016 760727    4 2016 761123    2 2016 770117    0 2016 770504
 2 2050 760709    2 2050 761025    0 2050 761124    1 2063 770408    1 2063 770630
 3 2063 780622    0 2063 781019    0 2063 790127
 0 1012 750428    0 1012 750805    2 1012 751105    0 1012 760115    0 1012 760213
        IN   2 SAMPLES


        IN   1 SAMPLES

        IN   8 SAMPLES

        IN   2 SAMPLES

        IN   1 SAMPLES

        IN   1 SAMPLES

        IN   5 SAMPLES
 0 2063 790127
 1 2063 790127
        IN  60 SAMPLES
48 2063 780622    1 2063 781019
 8 2063 780622    0 2063 781019
        IN   2 SAMPLES

        IN  28 SAMPLES

        IN 127 SAMPLES
 4 1012 760115    1 1012 760709    3 2016 760517    7 2016 760727    4 2016 761123
 7 2016 771113    2 2050 760709    2 2050 761124    2 2050 770106    6 2050 770407
 9 2063 780108    2 2063 780622
 0 2063 780108    0 2063 780622
 0 2016 771113    1 2050 760709    0 2050 761124    0 2050 770106    0 2050 770407
RIDEA   IN   1 SAMPLES

        IN   8 SAMPLES
1 2063 770630
        IN  33 SAMPLES
[ 2063 780108   22 2063 780622
) 2063 780108    7 2063 780622
        IN  16 SAMPLES
[ 1012 760115    2 1012 760514    1 2016 760517    1 2016 760727    1 2016 761123
: 2016 771113
        IN   2 SAMPLES
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 MID   1 2016 771113   0 2063 781019
6188030105 CANCER GRACILIS
 LOW   1 2050 761124                                                    IN   1 SAMPLES
6188030106 CANCER OREGONENSIS
 LOW   1 2016 760727   2 2016 761123   1 2016 770504   5 2016 770728   0 2016 771
 LOW   1 2063 770408   4 2063 770630   2 2063 771018   1 2063 780108   2 2063 780
 MID   0 2016 760727   0 2016 761123   0 2016 770504   0 2016 770728   1 2016 771
                                                                       IN  28 SAMPLES
6189020301 FABIA SUBQUADRATA
 LOW   1 1012 741212                                                   IN   1 SAMPLES
6189020403 NAME NOT FOUND
 LOW   2 1012 741212   4 1012 750428   1 1012 750707   2 1012 760115   1 1012 760
 MID   1 1012 741212   0 1012 750428   0 1012 750707   0 1012 760115   0 1012 760
                                                                       IN  11 SAMPLES
61890604   PINNIXA
 LOW   3 1012 741014   3 1012 750223   1 1012 750428   6 1012 750805   4 1012 751
 LOW   1 2016 770504   1 2063 781019
 MID   0 1012 741014   0 1012 750223   0 1012 750428   1 1012 750805   0 1012 751
                                                                       IN  27 SAMPLES
6189060401 PINNIXA FABA
 LOW   1 2016 770504   1 2063 790127                                   IN   2 SAMPLES
6189060403 PINNIXA OCCIDENTALIS
 LOW   1 2063 771018   1 2063 780108   1 2063 780622                    IN   3 SAMPLES
61890701   HEMIGRAPSUS
 LOW   2 1012 741014   2 1012 741212   3 1012 750223   3 1012 750428   5 1012 750
 MID   0 1012 741014   4 1012 741212   1 1012 750223   0 1012 750428   0 1012 750
 MID   4 2016 780206   1 2050 760709
                                                                       IN  33 SAMPLES
6189070101 HEMIGRAPSUS NUDUS
 LOW  13 1012 741014   4 1012 741212  11 1012 750223  13 1012 750428  13 1012 750
 LOW   2 1012 760213   0 1012 760514   9 1012 760709   5 1012 760807   0 2016 760
 LOW   0 2016 770504   0 2016 770728   1 2016 771113   0 2016 780206   0 2050 760
 LOW   0 2050 770407   1 2063 770408   1 2063 770630   0 2063 771018   9 2063 780
 LOW   8 2063 790127
 MID   7 1012 741014   5 1012 741212   3 1012 750223   5 1012 750428   6 1012 750
 MID   8 1012 760213   5 1012 760514  11 1012 760709   4 1012 760807   4 2016 760
 MID   4 2016 770504   4 2016 770728   5 2016 771113   4 2016 780206   2 2050 760
 MID   3 2050 770407   3 2063 770408  10 2063 770630   4 2063 771018  14 2063 780
 MID  10 2063 790127
 HI    2 1012 741014   0 1012 741212   0 1012 750223   0 1012 750428   2 1012 750
 HI    2 1012 760213   0 1012 760514   3 1012 760709   6 1012 760807   0 2016 760
 HI    0 2016 770504   0 2016 770728   0 2016 771113   0 2016 780206   0 2050 760
 HI    0 2050 770407   0 2063 770408   0 2063 770630   0 2063 771018   0 2063 780
                                                                       IN 357 SAMPLES
6189070102 HEMIGRAPSUS OREGONENSIS
 LOW  11 1012 741014   7 1012 741212   4 1012 750223   6 1012 750428   6 1012 750
 LOW   2 1012 760213   4 1012 760514   8 1012 760709   3 1012 760807   0 2016 761
 LOW   0 2050 770106   4 2063 780108
 MID   2 1012 741014   1 1012 741212   1 1012 750223   0 1012 750428   0 1012 750
 MID   2 1012 760213   2 1012 760514   1 1012 760709   3 1012 760807   3 2016 761
 MID   2 2050 770106   0 2063 780108
 HI    0 1012 741014   0 1012 741212   0 1012 750223   0 1012 750428   0 1012 750
 HI    0 1012 760213   0 1012 760514   0 1012 760709   3 1012 760807   0 2016 761
                                                                       IN 122 SAMPLES
6189070301 SCLEROPLAX GRANULATA
 LOW   1 1012 741212   1 1012 750805   3 1012 751105   2 1012 760709   IN   7 SAMPLES
6208   COLLEMBOLA
 MID   1 2016 760517                                                   IN   1 SAMPLES
65   INSECTA IV
 LOW   1 1012 750428   1 1012 750707   0 1012 760213   2 1012 760514   3 1012 760
 LOW   1 2063 790127
 MID   0 1012 750428   0 1012 750707   1 1012 760213   0 1012 760514   0 1012 760
 MID   1 2063 790127
                                                                       IN  26 SAMPLES
6501   DIPTERA
 LOW   0 1012 741014   2 1012 750428   3 2016 760517   6 2016 760727   4 2016 761
 LOW   1 2016 771113   0 2016 780206   4 2050 760709   0 2050 761025   2 2050 761
 MID   0 1012 741014   1 1012 750428   2 2016 760517   8 2016 760727   4 2016 761
                                                                       IN 434 SAMPLES
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        IN   1 SAMPLES

        IN  28 SAMPLES
 5 2016 770728    0 2016 771113    2 2050 761124    1 2050 770106    1 2050 770407
 1 2063 780108    2 2063 780622    1 2063 781019    3 2063 790127
 0 2016 770728    1 2016 771113    0 2050 761124    0 2050 770106    0 2050 770407
        IN   1 SAMPLES

        IN  11 SAMPLES
 2 1012 760115    1 1012 760709
 0 1012 760115    0 1012 760709
        IN  27 SAMPLES
 6 1012 750805    4 1012 751105    3 1012 760115    3 1012 760709    1 1012 760807
 1 1012 750805    0 1012 751105    0 1012 760115    0 1012 760709    0 1012 760807
        IN   2 SAMPLES

        IN   3 SAMPLES

        IN  33 SAMPLES
 3 1012 750428    5 1012 750707    1 1012 750805    2 1012 760213    0 2016 770728
 0 1012 750428    0 1012 750707    0 1012 750805    0 1012 760213    5 2016 770728
        IN 357 SAMPLES
13 1012 750428   13 1012 750707   18 1012 750805    3 1012 751105   19 1012 760115
 5 1012 760807    0 2016 760517    0 2016 760727    0 2016 761123    0 2016 770117
 0 2016 780206    0 2050 760419    0 2050 760709    0 2050 761025    0 2050 770106
 0 2063 771018    9 2063 780108    0 2063 780427    0 2063 780622    7 2063 781019

 5 1012 750428    6 1012 750707   11 1012 750805    6 1012 751105    9 1012 760115
 4 1012 760807    4 2016 760517    7 2016 760727    1 2016 761123    2 2016 770117
 4 2016 780206    2 2050 760419    1 2050 760709    1 2050 761025    2 2050 770106
 4 2063 771018   14 2063 780108   11 2063 780427    9 2063 780622   10 2063 781019

 0 1012 750428    2 1012 750707    4 1012 750805    0 1012 751105    0 1012 760115
 6 1012 760807    0 2016 760517    0 2016 760727    0 2016 761123    0 2016 770117
 0 2016 780206    0 2050 760419    2 2050 760709    0 2050 761025    0 2050 770106
 0 2063 771018    0 2063 780108    1 2063 780427    6 2063 780622    1 2063 781019
        IN 122 SAMPLES
 6 1012 750428    6 1012 750707   16 1012 750805    4 1012 751105   11 1012 760115
 3 1012 760807    0 2016 761123    0 2016 770117    0 2016 771113    0 2016 780206

 0 1012 750428    0 1012 750707    1 1012 750805    4 1012 751105    5 1012 760115
 3 1012 760807    3 2016 761123    1 2016 770117    3 2016 771113    1 2016 780206

 0 1012 750428    0 1012 750707    0 1012 750805    1 1012 751105    0 1012 760115
 3 1012 760807    0 2016 761123    0 2016 770117    0 2016 771113    0 2016 780206
        IN   7 SAMPLES
2 1012 760709
        IN   1 SAMPLES

        IN  26 SAMPLES
2 1012 760514    3 1012 760709    3 1012 760807    0 2050 770106    3 2063 780622

1 1012 760514    0 1012 760709    0 1012 760807    1 2050 770106    9 2063 780622

        IN 454 SAMPLES
 2016 760727    4 2016 761123    5 2016 770117   10 2016 770504    7 2016 770728
 2050 761025    2 2050 761124    0 2050 770106    3 2050 770407    0 2063 780108
 2016 760727    4 2016 761123   13 2016 770117    5 2016 770504   22 2016 770728
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 MID  17 2016 771113   9 2016 780206   5 2050 760709   2 2050 761025   0 2050 761
 HI    2 1012 741014   0 1012 750428   2 2016 760517   0 2016 760727   0 2016 761
 HI    0 2016 771113   0 2016 780206   4 2050 760709   2 2050 761025   0 2050 761
650301      TIPULIDAE
 LOW   3 2063 781019                                   IN   3 SAMPLES
6505081 8   TELMATOGETON
 LOW   1 2063 770630                                   IN   1 SAMPLES
6604        GEOPHILOMORPHA
 HI    1 2063 790127                                   IN   1 SAMPLES
72          SIPUNCULIDA
 LOW   1 2016 760727   2 2063 770408   5 2063 770630   3 2063 771018   6 2063 7801
 LOW   6 2063 790127                                   IN  64 SAMPLES
 MID   0 2016 760727   0 2063 770408   7 2063 770630   1 2063 771018   5 2063 7801
 MID   2 2063 790127
 HI    0 2016 760727   0 2063 770408   1 2063 770630   0 2063 771018   0 2063 7801
7200040101 PHASCOLOSOMA AGASSIZII
 LOW   1 2016 760727                                   IN   1 SAMPLES
73          ECHIURA
 LOW   1 2016 761123                                   IN   1 SAMPLES
77          PHORONIDA
 MID   1 1012 760213                                   IN   1 SAMPLES
7700010102 PHORONOPSIS HARMERI
 LOW   1 1012 741212   1 1012 750223   2 1012 750428   3 1012 750707   1 1012 7508
 MID   1 2016 771113                                   IN  14 SAMPLES
77000102    PHORONIS
 LOW   1 1012 750805   0 1012 760709                   IN   2 SAMPLES
 MID   0 1012 750805   1 1012 760709
78          ECTOPROCTA
 LOW   1 1012 741014   5 1012 760115   1 2016 760727   3 2016 761123   3 2016 77011
 LOW   1 2063 771018  15 2063 780622   3 2063 790127                   IN  42 SAMPLES
 MID   0 1012 741014   0 1012 760115   0 2016 760727   0 2016 761123   0 2016 77011
 MID   0 2063 771018   0 2063 780622   4 2063 790127
 HI    0 1012 741014   0 1012 760115   0 2016 760727   0 2016 761123   0 2016 77011
78030201    FLUSTRELLA
 LOW   1 2016 760517                                   IN   1 SAMPLES
7809        GYMNOLAEMATA CYCLOSTOMATA ARTICULATA(ECTOPROCTA)
 LOW   3 2016 770504   9 2016 770728   1 2050 770407   IN  13 SAMPLES
78090101    CRISIA
 MID   1 2050 760709                                   IN   1 SAMPLES
7814        GYMNOLAEMATA CHEILOSTOMATA
 LOW  10 2063 790127                                   IN  11 SAMPLES
 MID   1 2063 790127
78150401    MEMBRANIPORA
 LOW   2 2016 760727                                   IN   2 SAMPLES
7816        GYMNOLAEMATA CHEILOSTOMATA ASCOPHORA
 LOW   1 2063 770408                                   IN   1 SAMPLES
7816020101 HIPPOTHOA HYALINA
 LOW   3 2016 760727                                   IN   3 SAMPLES
8114030101 DERMASTERIAS IMBRICATA
 LOW   1 2063 770630                                   IN   1 SAMPLES
8117030302 EVASTERIAS TROSCHELII
 LOW   2 2063 770630   2 2063 780108                   IN   4 SAMPLES
8117030409 LEPTASTERIAS HEXACTIS
 LOW   9 1012 741014   3 1012 741212   4 1012 750223   8 1012 750428   6 1012 750707
 LOW   6 1012 760213   6 1012 760514   7 1012 760709   4 1012 760807   4 2063 770408
 LOW   9 2063 780427  35 2063 780622   4 2063 790127                   IN 176 SAMPLES
 MID   0 1012 760213   0 1012 760514   0 1012 760709   0 1012 760807   2 2063 770408
 MID   0 2063 780427   6 2063 780622   0 2063 790127
 HI    0 1012 741014   0 1012 741212   0 1012 750223   0 1012 750428   1 1012 750707
 HI    0 2063 780427   1 2063 780622   0 2063 790127
8117030502 PISASTER OCHRACEUS
                                                       IN   5 SAMPLES
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9   2 2050 761025    0 2050 761124   15 2050 770106    2 2050 770407    1 2063 780108
7   0 2016 760727    0 2016 761123    0 2016 770117    1 2016 770504    0 2016 770728
9   2 2050 761025    0 2050 761124    0 2050 770106    0 2050 770407    0 2063 780108
          IN    3 SAMPLES

          IN    1 SAMPLES

          IN    1 SAMPLES

          IN   64 SAMPLES
)   3 2063 771018    6 2063 780108    3 2063 780427    7 2063 780622    3 2063 781019

)   1 2063 771018    5 2063 780108    2 2063 780427    5 2063 780622    3 2063 781019

)   0 2063 771018    0 2063 780108    0 2063 780427    2 2063 780622    0 2063 781019
          IN    1 SAMPLES

          IN    1 SAMPLES

          IN    1 SAMPLES

          IN   14 SAMPLES
    3 1012 750707    1 1012 750805    3 1012 751105    1 1012 760115    1 1012 760213

          IN    2 SAMPLES


          IN   42 SAMPLES
    3 2016 761123    3 2016 770117    1 2050 760709    0 2050 770106    1 2063 770630

    0 2016 761123    0 2016 770117    1 2050 760709    2 2050 770106    0 2063 770630

    0 2016 761123    0 2016 770117    0 2050 760709    0 2050 770106    1 2063 770630
          IN    1 SAMPLES

ROCTA)    IN   13 SAMPLES

          IN    1 SAMPLES

          IN   11 SAMPLES


          IN    2 SAMPLES

          IN    1 SAMPLES

          IN    3 SAMPLES

          IN    1 SAMPLES

          IN    4 SAMPLES

          IN  176 SAMPLES
  8 1012 750428    6 1012 750707    7 1012 750305    9 1012 751105   13 1012 760115
  4 1012 760807    4 2063 770408   10 2063 770630    7 2063 771018    6 2063 780108

  0 1012 760807    2 2063 770408    5 2063 770630    4 2063 771018    0 2063 780108

  0 1012 750428    1 1012 750707    0 1012 750805    0 1012 751105    0 1012 760115

        IN    5 SAMPLES
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 LOW   1 1012 751105   1 1012 760514   1 1012 760709   2 2063 780622
8120       OPHIUROIDEA                                          IN  12 SAMPLES
 LOW   1 1012 750707   2 1012 751105   1 1012 760115   1 1012 760213   4 2063 780
 MID   0 1012 750707   0 1012 751105   0 1012 760115   0 1012 760213   1 2063 780
8129       OPHIUROIDEA OPHIURIDA GNATHOPHIURINA                 IN   3 SAMPLES
 LOW   3 2016 770728
812903     AMPHIURIDAE                                          IN   2 SAMPLES
 LOW   1 2063 770630
 MID   1 2063 770630
81290301   AMPHIODIA                                            IN   2 SAMPLES
 LOW   2 1012 741014
8129030303 DIAMPHIODIA PERIERCTA                                IN   1 SAMPLES
 LOW   1 1012 750707
8149030201 STRONGYLOCENTROTUS DROEBACHIENSIS                    IN   2 SAMPLES
 LOW   1 1012 741014   1 1012 751105
8170       HOLOTHUROIDEA                                        IN   1 SAMPLES
 LOW   1 1012 741014
8172       HOLOTHUROIDEA DENDROCHIROTACEA DENDROCHIROTIDA       IN   1 SAMPLES
 LOW   1 2016 770504
81720601   CUCUMARIA                                            IN   1 SAMPLES
 LOW   1 2016 761123
81720602   EUPENTACTA                                           IN   4 SAMPLES
 LOW   1 2016 760727   2 2016 761123   1 2016 770504
8172060201 EUPENTACTA PSEUDOQUINQUESEMITA                       IN   2 SAMPLES
 LOW   2 2016 771113
8172060202 EUPENTACTA QUINQUESEMITA                             IN   6 SAMPLES
 LOW   2 2016 770117   0 2063 770630   1 2063 780108   1 2063 790127
 MID   0 2016 770117   2 2063 770630   0 2063 780108   0 2063 790127
81780102   LEPTOSYNAPTA                                         IN   3 SAMPLES
 LOW   3 2063 781019
8178010203 LEPTOSYNAPTA CLARKI                                  IN  47 SAMPLES
 LOW   1 1012 750805   1 2016 770117   3 2063 770630   2 2063 771018   1 2063 78010
 MID   0 1012 750805   0 2016 770117   6 2063 770630   1 2063 771018   6 2063 78010
 HI    0 1012 750805   0 2016 770117   1 2063 770630   0 2063 771018   1 2063 78010
8201       ENTEROPNEUSTA                                        IN   1 SAMPLES
 LOW   1 2063 790127
8401       ASCIDIACEA                                           IN   3 SAMPLES
 LOW   0 2063 780108   2 2063 780622
 MID   1 2063 780108   0 2063 780622
8403010401 ARCHIDISTOMA RITTERI                                 IN  11 SAMPLES
 LOW  11 2063 780622
8784010101 GOBIESOX MAEANDRICUS (NORTHERN CLINGFISH)            IN  10 SAMPLES
 LOW   2 2063 771018   1 2063 780108   4 2063 780427   3 2063 790127
8831022401 OLIGOCOTTUS MACULOSUS (TIDEPOOL SCULPIN)             IN   4 SAMPLES
 LOW   1 1012 751105   0 1012 760213   1 2063 771018   1 2063 790127
 MID   0 1012 751105   1 1012 760213   0 2063 771018   0 2063 790127
8831070101 PSYCHROLUTES PARADOXUS (TADPOLE SCULPIN)             IN   2 SAMPLES
 LOW   2 2063 780427
88421204   ANOPLARCHUS                                          IN   1 SAMPLES
 LOW   1 1012 750223
8842120402 ANOPLARCHUS PURPURESCENS (HIGH COCKSCOMB)            IN   5 SAMPLES
 LOW   0 1012 741212   1 1012 750707   1 1012 760115   1 1012 760514
 MID   2 1012 741212   0 1012 750707   0 1012 760115   0 1012 760514
99990001   NAME NOT FOUND                                       IN  21 SAMPLES
 LOW   1 2063 770408   0 2063 770630   7 2063 780622   4 2063 790127
 MID   0 2063 770408   0 2063 770630   3 2063 780622   4 2063 790127
 HI    0 2063 770408   1 2063 770630   1 2063 780622   0 2063 790127
999999     NAME NOT FOUND                                       IN  58 SAMPLES
 LOW   1 1012 741014   0 1012 750223  19 1012 750428   1 1012 750707   0 1012 751105
 LOW   0 1012 760807   2 2063 780427
 MID   0 1012 741014   3 1012 750223   6 1012 750428   0 1012 750707   2 1012 751105
```

2 2063 780622
IN 12 SAMPLES
1 1012 760213 4 2063 780622 1 2063 790127
0 1012 760213 1 2063 780622 1 2063 790127
IN 3 SAMPLES

IN 2 SAMPLES

IN 2 SAMPLES

IN 1 SAMPLES

IN 2 SAMPLES

IN 1 SAMPLES

)TIDA IN 1 SAMPLES

IN 1 SAMPLES

IN 4 SAMPLES

IN 2 SAMPLES

IN 6 SAMPLES
1 2063 790127
0 2063 790127
IN 3 SAMPLES

IN 47 SAMPLES
2 2063 771018 1 2063 780108 3 2063 780427 5 2063 780622 4 2063 790127
1 2063 771018 6 2063 780108 2 2063 780427 6 2063 780622 2 2063 790127
0 2063 771018 1 2063 780108 0 2063 780427 2 2063 780622 0 2063 790127
IN 1 SAMPLES

IN 3 SAMPLES

IN 11 SAMPLES

IN 10 SAMPLES
3 2063 790127
IN 4 SAMPLES
1 2063 790127
0 2063 790127
IN 2 SAMPLES

IN 1 SAMPLES

IN 5 SAMPLES
1 1012 760514
0 1012 760514
IN 21 SAMPLES
4 2063 790127
4 2063 790127
0 2063 790127
IN 58 SAMPLES
1 1012 750707 0 1012 751105 3 1012 760115 5 1012 760514 0 1012 760709
) 1012 750707 2 1012 751105 0 1012 760115 3 1012 760514 0 1012 760709

MID	0	1012	760807	3	2063	780427										
HI	0	1012	741014	0	1012	750223	0	1012	750428	0	1012	750707	2	1012	751105	
HI	2	1012	760807	0	2063	780427										
ABIOTIC	NAME NOT FOUND												IN 558 SAMPLES			
LOW	1	1012	741014	2	1012	741212	4	1012	750223	5	1012	750428	0	1012	750707	
LOW	0	1012	760213	0	1012	760514	0	1012	760709	5	1012	760807	0	2016	760517	
LOW	0	2016	780206	4	2050	760419	0	2050	770106	2	2050	770407	2	2063	770408	
LOW	2	2063	780427	2	2063	780622	3	2063	781019	12	2063	790127				
MID	4	1012	741014	7	1012	741212	3	1012	750223	6	1012	750428	5	1012	750707	
MID	3	1012	760213	0	1012	760514	0	1012	760709	7	1012	760807	0	2016	760517	
MID	1	2016	780206	2	2050	760419	0	2050	770106	2	2050	770407	6	2063	770408	
MID	3	2063	780427	9	2063	780622	0	2063	781019	22	2063	790127				
HI	7	1012	741014	9	1012	741212	3	1012	750223	0	1012	750428	4	1012	750707	
HI	5	1012	760213	4	1012	760514	1	1012	760709	8	1012	760807	1	2016	760517	
HI	0	2016	780206	0	2050	760419	2	2050	770106	21	2050	770407	24	2063	770408	
HI	24	2063	780427	26	2063	780622	24	2063	781019	42	2063	790127				

0	1012	750707	2	1012	751105	0	1012	760115	4 1012 760514	2 1012 760709

IN 558 SAMPLES

5	1012	750428	0	1012	750707	1	1012	750805	0	1012	751105	3	1012	760115
5	1012	760807	0	2016	760517	0	2016	770117	0	2016	770504	2	2016	771113
2	2050	770407	2	2063	770408	0	2063	770630	0	2063	771018	11	2063	780108
12	2063	790127												
6	1012	750428	5	1012	750707	6	1012	750805	1	1012	751105	8	1012	760115
7	1012	760807	0	2016	760517	0	2016	770117	0	2016	770504	1	2016	771113
2	2050	770407	6	2063	770408	9	2063	770630	1	2063	771018	15	2063	780108
22	2063	790127												
0	1012	750428	4	1012	750707	4	1012	750805	8	1012	751105	3	1012	760115
8	1012	760807	1	2016	760517	23	2016	770117	24	2016	770504	0	2016	771113
21	2050	770407	24	2063	770408	43	2063	770630	24	2063	771018	42	2063	780108
42	2063	790127												