ADDITIONS TO REFERENCE DATA BASES

**16S:**  
7/10/25 ; Taxonomy according to <https://explorer.natureserve.org>

Began at line 1763:

>Eukaryota;Chordata;Actinopteri;Carangiformes;Pleuronectidae;Myzopsetta;Myzopsetta proboscidea

GTAATCACTTGTCTTTTAAATGAAGACCTGTATGAATGGCATCACGAGGGCTTAGCTGTCTCCCATCTCCAGTCAATGAAATTGACCTCCCCGTGCAGAGGCGGGGATGATTACATAAGACGAGAAGACCCTATGGAGCTTTAGACCTAAAGTAAGTCACGTTTAATATGCTATGATAACAGCGAAAACTTAGTGATATTTACTGAAGTGTCTTTGGTTGGGGCGACCGCGGGGTAAAACACAACCCCCATGTGGACCGGGGATATTATCCCTAATACTCAGAGCCTCTACTCCAAGTAACAGAAATTCTGACTTTTCTGATCCGGTATAACCGATCAACGAACCGAGTTACCCTAGGGATAACAGCGCAATCC

>Eukaryota;Chordata;Actinopteri;Gadiformes;Gadidae;Eleginus;Eleginus gracilis

GCAATCACTTGTCTTTTAAATGAAGACCTGTATGAATGGCATCACGAGGGCTTAGCTGTCTCCCATCTCCAGTCAATGAAATTGACCTCCCCGTGCAGAGGCGGGGATGATTACATAAGACGAGAAGACCCTATGGAGCTTTAGACCTAAAGTAAGTCACGTTTAATATGCTATGATAACAGCGAAAACTTAGTGATATTTACTGAAGTGTCTTTGGTTGGGGCGACCGCGGGGTAAAACACAACCCCCATGTGGACCGGGGATATTATCCCTAATACTCAGAGCCTCTACTCCAAGTAACAGAAATTCTGACTTTTCTGATCCGGTATAACCGATCAACGAACCGAGTTACCCTAGGGATAACAGCGCAATCC

>Eukaryota;Chordata;Actinopteri;Carangiformes;Pleuronectidae;Myzopsetta;Myzopsetta proboscidea

GCAATCACTTGTCTTTTAAATGAAGACCTGTATGAATGGCATAACGAGGGCTTAACTGTCTCCTTCCCCTGGTCAATGAAATTGATCTCCCCGTGCAGAAGCGGGGATAAAACCATAAGACGAGAAGACCCTATGGAGCTTTAGACACACAGGTGGACCATGTCAAATACCCCCAGCTAAGGGCCTGAACTAAATGGGGCCTGCCTTGATGTCTTCGGTTGGGGCGACCATGGGGAATACAAAACCCCCACGTGGAAAGGGAGCACACCCCTAAGTTACTTCTTCTCCCGCAAGCCAGAGCAACAGCTCTAACAAGCAGAAATTCTGACCAAACTGATCCGGTAAAACCGATCAACGAACCAAGTTACCCTAGGGATAACAGCGCAATCC

>Eukaryota;Chordata;Actinopteri;Salmoniformes;Salmondiae;Coregonus;Coregonus laurettae

GTAATCACTTGTCTTTTAAATGAAGACCTGTATGAATGGCATCACGAGGGCTTAGCTGTCTCCTCTTCCAAGTCAGTGAAATTGATCTGCCCGTGCAGAAGCGGGCATAAGTACATAAGACGAGAAGACCCTATGGAGCTTTAGACACCAGGCAGATCACGTCAAGTAACCTTGGGTTAACAAGTAAAAACGCAGTGACCCCTAGCCCATATGTCTTTGGTTGGGGCGACCGCGGGGGAAAACAAAGCCCCCATGTGGACTGGGGGCACTGCCCCCACAGCCGAGAGCTACAGCTCTAAGCACCAGAATTTCTGACCAGAAATGATCCGGCGAACGCCGATCAACGGACCGAGTTACCCTAGGGATAACAGCGCAATCC

>Eukaryota;Chordata;Actinopteri;Pleuronectiformes;Pleuronectidae;Limanda;Limanda aspera

GTAATCACTTGTCTTTTAAATGAAGACCTGTATGAATGGCATAACGAGGGCTTAACTGTCTCCTTCCCCCGGTCAATGAAATTGATCTCCCCGTGCAGAAGCGGGGATGAAACCATAAGACGAGAAGACCCTATGGAGCTTTAGACACACAGGTGGCCCATGTCAAATAACCCCCGCTAAGGGCCTGAACTAAGTGGAACCTGCCTTGATGTCTTCGGTTGGGGCGACCATGGGGAATACAAAACCCCCACGTGGAAGGGGAGCACACCCCTAAGTTACTTCTTCTCCCGCAAGCCAGAGCAACGGCTCTAACCAGCAGAAATTCTGACCAAAATGATCCGGTAATACCGATCAACGAACCAAGTTACCCTAGGGATAACAGCGCAATCC

>Eukaryota;Chordata;Actinopteri;Perciformes;Stichaeidae;Acantholumpenus;Acantholumpenus mackayi

GTAATCACTTGTCTTTTAAATGAAGACCTGTATGAATGGCATAACGAGGGCTTAACTGTCTCCTCTCTCCAGTCAATGAAATTGATCTTCCCGTGCAGAAGCGGGAATACAAACATAAGACGAGAAGACCCTATGGAGCTTTAGACACCAAGACAGATCATGTTAATAACCCTAATTAAAGGACTAAACCAAGTGGAACCTGCCCTAATGTCTTTGGTTGGGGCGACCGCGGGGAATTGAAAAACCCCCACGTGGAATGGGAGCACCCCTCCTACAACTAAGAACTACAGCTCTAGTAAACAGAAATTCTGACCAGTAAGATCCGGCAATGCCGATCAACGGACCGAGTTACCCTAGGGATAACAGCGCAATCC

>Eukaryota;Chordata;Actinopteri;Esociformes;Esocidae;Esox;Exos sp.

GTAATCACTTGTCTTTTAAATGAAGACCTGTATGAATGGCATCACGAGGGCTTAGCTGTCTCCTCTTTCAAGTCAATGAAATTGATCTGCCCGTGCAGAAGCGGACATAAGAACATAAGACGAGAAGACCCTATGGAGCTTTAGACACCCGGCAGACCCTGTTAAGTAGCTGAACTATCAGATTAAAACAAAGCGGCCCCTGGCCTACATGTCTTCGGTTGGGGCGACCACGGGGGAAAACAAAGCCCCCACGAGGATTAAGGAAAACCTCCTTATAACCACGAGCGACAGCTCTAAGTCTCAGAACTTCTGACCAAAAAGATCCGACACCAGTCGATCAACGGACCAAGTTACCCTAGGGATAACAGCGCAATCC

>Eukaryota;Chordata;Actinopteri;Gadiformes;Gadidae;Gadus;Gadus chalcogrammus

GTAATCACTTGTCTTTTAAATGAAGACCTGTATGAATGGCATCACGAGGGCTTAGCTGTCTCCCATCTCCAGTCAATGAAATTGACCTCCCCGTGCAGAGGCGGGGATAATTACATAAGACGAGAAGACCCTATGGAGCTTTAGACCTAAAGTAAGTCACGTTTAACATGCTAAAATAACAGAAAAAACTTAGTGATATTTACTGAAGTGTCTTTGGTTGGGGCGACCGCGGGGTAAAACACAACCCCCATGTGGACCGGGGATATTATCCCTAATACTCAGAGCCTCTACTCCAAGTAACAGAAATTCTGACTTTTCTGATCCGGTATAACCGATCAACGAACCGAGTTACCCTAGGGATAACAGCGCAATCC

>Eukaryota;Chordata;Actinopteri;Uranoscopiformes;Ammodytidae;Ammodytes;Ammodytes hexapterus

GCCGGTAAAACTCGTGCCAGCCACCGCGGTTATACGAGAGGCCCAAGCTGATAGACCCCGGCGTAAAGAGTGGTTAAGATAAGCTTAAAACTAAAGCCGAACACCCTCACAGCTGTTATACGCACCCGAGAGTAAGAAGCCCAACTACGAAAGTGGCTTTACAACCCCTGAACCCACGAAAGCTATGACACAAACTGGGATTAGATACCCCACTATGCTGTCTCTATACACATCTCCGAGCCCACGAGACGTAACTTGGTATCTCGTATGCCGTCTTCTG

>Eukaryota;Chordata;Mammalia;Artiodactyla;Monodontidae;Delphinapterus;Delphinapterus leucas

GTAATCACTTGTCTTTTAAATGAATGGCCACACGAGGGTTTTACTGTCTCTTACTTCTAATCAGTGAAATTGACCTCCCCGTGAAGAGGCGGGGATAATACAATAAGACGAGAAGACCCTATGGAGCTTTAATTAATCAACCCAAAAAACACAAAACAGCACCACCAAGGGATAACAAAATTTTACATGGGTTGACAATTTCGGTTGGGGTGACCTCGGAGTACAAAAAACCCTCCGAGTGATTAAAACCTAGGCCTACTGGCCAAAGTGTAATATCACTTATTGATCCAAATTCTTGATCAACGGAACAAGTTACCCTAGGGATAACAGCGCAATCC

**12S**

7/10/25; Taxonomy according to <https://explorer.natureserve.org>

Began at line 27120