((Vampyroteuthis\_infernalis,((Cirrothauma\_murrayi,Cirroteuthis\_muelleri),((Eledone\_cirrhosa,Eledone\_moschata),((Vitreledonella\_richardi,Amphitretus\_pelagicus),(Japetella\_diaphana,Bolitaena\_pygmaea)),Enteroctopus\_dofleini,(Bathypolypus\_sponsalis,Bathypolypus\_bairdii),(Ocythoe\_tuberculata,Argonauta\_argo,Tremoctopus\_violaceus,Haliphron\_atlanticus),((Callistoctopus\_macropus,Macrotritopus\_defilippi,(Scaeurgus\_unicirrhus,Pteroctopus\_tetracirrhus)),(Hapalochlaena\_maculosa,Abdopus\_capricornicus,((Octopus\_vulgaris,Octopus\_salutii,Octopus\_bimaculatus))))))),(((((((Alloteuthis\_media,Alloteuthis\_subulata),(Loligo\_vulgaris,Loligo\_forbesii)),(Lolliguncula\_brevis,Pickfordiateuthis\_pulchella)),(Sepioteuthis\_sepioidea,Sepioteuthis\_lessoniana)),(((Sepia\_elegans,Sepia\_orbignyana),Sepia\_officinalis),(Sepia\_plangon,Sepia\_bandensis)),(Spirula\_spirula,((Bathyteuthis\_abyssicola,Chtenopteryx\_sicula),(((((((Taonius\_pavo,Sandalops\_melancholicus),(Helicocranchia\_papillata,Galiteuthis\_glacialis)),(Teuthowenia\_megalops,Bathothauma\_lyromma)),(Megalocranchia\_maxima,Egea\_inermis)),(Cranchia\_scabra,Leachia\_dislocata)),(((Illex\_illecebrosus,Illex\_coindetii),Todaropsis\_eblanae),Todarodes\_sagittatus)),(((Pterygioteuthis\_giardi\_hoylei,(Onychoteuthis\_banksii,Gonatus\_fabricii)),((Discoteuthis\_laciniosa,(((Abraliopsis\_morisii,Abralia\_veranyi),(Lycoteuthis\_lorigera,Pyroteuthis\_margaritifera)),(((Joubiniteuthis\_portieri,Mastigoteuthis\_schmidti),(Grimalditeuthis\_bonplandi,Chiroteuthis\_veranyi)),Octopoteuthis\_danae))),(Neoteuthis\_thielei,Architeuthis\_dux))),(Histioteuthis\_miranda,Ancistroteuthis\_lichtensteinii)))))),((Sepietta\_oweniana,(Sepiola\_affinis,Sepiola\_rondeletii,Sepiola\_robusta)),(Heteroteuthis\_dispar,(Neorossia\_caroli,Rossia\_macrosoma)))),Idiosepius\_paradoxus));