APPENDIX G: Revised Pathway Diagrams

Diagrammed Pathway Categorizations

(T) Transportation

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T 1 Modes of Transportation
       T1.1 Air
      T1.2 Water/Aquatic
              T1.2.1 Ship Ballast Water
              T1.2.2 Hull/Surface Fouling (i.e., Recreational Boats and Vessels)
              T1.2.3 Stowaways in Holds
              T1.2.4 Superstructures/Structures Above Water Line
              T1.2.5 Transportation/Relocation of Dredge Spoil Material
       T1.3 Land Terrestrial
              T1.3.1 Cars, Buses, Trucks, ATVs. Trailers for recreational boats
              T1.3.2 Trains, Subways, Metros, Monorails
              T1.3.3 Construction/Firefighting Vehicles
              T1.3.4 Hikers, Horses Pets
T2 Military Travel and Transportation of Military Vehicles
      T2.1 Baggage/Gear
      T2.2 Equipment
T3 Items used in the Shipping Process
       T3.1 Containers
       T3.2 Packing Materials
              T3.2.1 Wood Packing Materials
              T3.2.2 Seaweed
              T3.2.3 Other Plant Materials
              T3.2.4 Sand/Earth
T4 Mail/Internet Overnight shipping
T5 Travel Tourism/Relocation
       T5.1 Travelers Themselves
      T5.2 Baggage/Gear
      T5.3 Pets/Plants and Animals Transported for Entertainment
       T5.4 Travel Consumables
       T5.5 Service Industries
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(L) Living Industry

L1 Plant Pathways

- L1.1 Importation of Plants for Research
- L1.2 Potting Soils, Growing Mediums, Sods and Other Materials
- L1.3 Plant Trade (agricultural nursery, landscape, floral, raw logs)
 - L1.3.1 Plant Parts
 - L1.3.1.1 Above-Ground Plant Parts
 - L1.3.1.2 Below Ground Plant Parts
 - L1.3.1.3 Seeds and the Seed Trade
 - L1.3.1.4 Aquatic Propagules
 - L1.3.2 Whole Plants

L2 Food Pathways

- L2.1 Live Seafood
- L2.2 Other Live Food Animals
- L2.3 Plants and Plant Parts as Food
- L3 Non-Food Animal Pathways
 - L3.1 Bait
 - L3.2 Pet/Aquarium Trade
 - L3.3 Aquaculture
 - L3.4 Non-Pet Animals
 - L3.5 Release of Organisms for Religious, Cultural or Other Reasons
- L4 Nonliving Animal and Plant Related Pathways
 - L4.1 Processed and Partially Processed Meat and Meat Processing Waste
 - L4.2 Frozen Seafood
 - L4.3 Minimally Processed Animal Products
 - L4.4 Minimally Processed Plant Products

(M) Miscellaneous

M1 Biocontrol

M2 Other Aquatic Pathways

M2.1 Interconnected Waterways

M2.1.1 Freshwater Canals

M2.1.2 Marine/Estuarine Canals

M2.1.3 Domestic Waste Streams

M2.2 Interbasin Transfers

M3 Natural Spread of Established Populations

M4 Ecosystem Disturbance

M4.1 Long-Term (highway and utility rights-of-way, clearing, logging)
M4.2 Short Term (habitat restoration, enhancement, prescribed burning)

M5 Garbage

M5.1 Garbage Transport

M5.2 Garbage Landfill

APPENDIX H-Pathways Diagrams

Diagram 1

Categorization Of Pathways



This category includes all the various pathways related to transportation of people and goods. Subcategories include:

- 1) Modes of Transportation
- 2) Military Travel and Transportation of Military Vehicles
- Items Used in Shipping Process 3)
- Mail/Internet/Overnight Shipping Companies
- 5) Travel/Tourism/Recreation /Relocation

Living Industry Pathways

This category includes all the various pathways associated with living organisms and/or their by-products. other two categories. Subcategories include:

- 1) Plant Pathways
- Food Pathways (market ready or near market ready - transporting animals for consumption)
- Non-Food Animal Pathways 3) (transporting animals for reasons other than consumption)
- Non-Living Animal and Plant Related Pathways (animal and plant products)

Miscellaneous Pathways

This category includes various pathways that did not fit into the Subcategories include:

- 1) **Biocontrol**
- 2) **Release of Animals for** Religious, Cultural or **Other Reasons**
- **Other Aquatic Pathways** 3)
- **Natural Spread of** 4) **Established Populations of Invasive Species**
- **Ecosystem Disturbance** 5) (long and short term)

See Diagram 1 for more details

See Diagram 2 for more details

See Diagram 3 for more details



hold water)

Boats & Vehicles)

Transportation Related Pathways

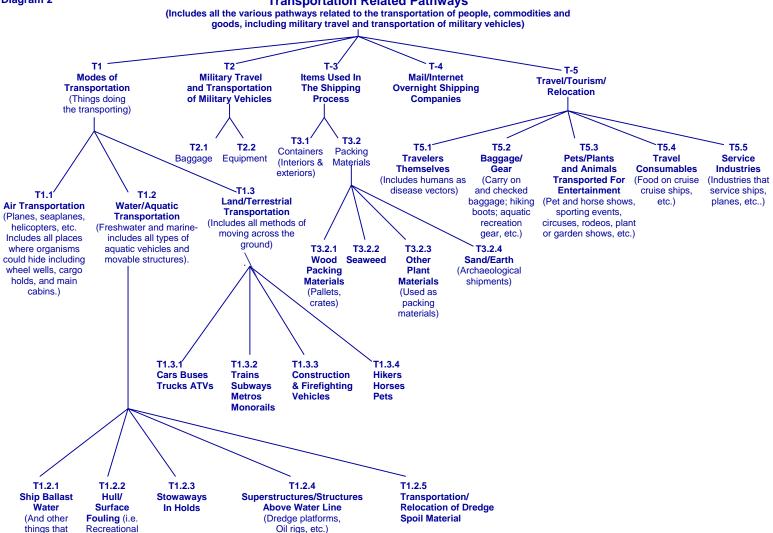
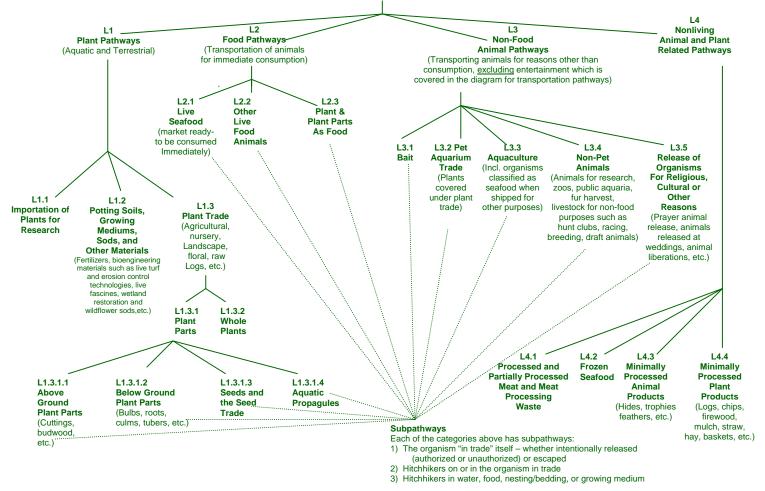


Diagram 3

Living Industry Pathways



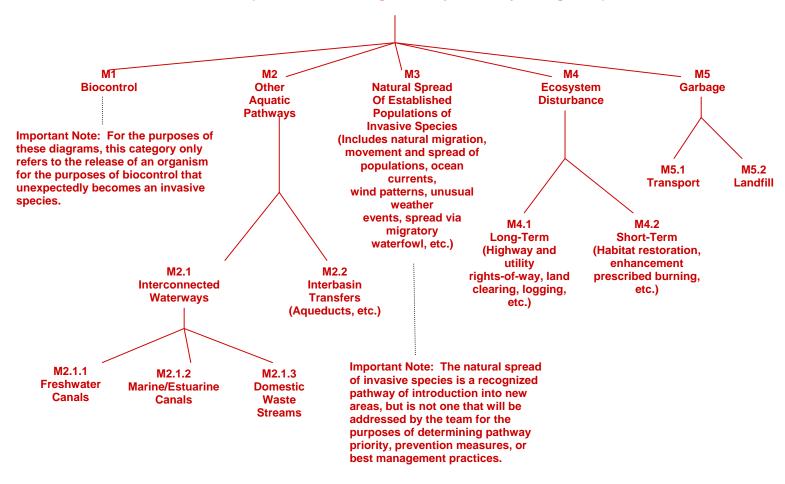


NOTE: Hitchhikers can include plants, animals, invertebrates, parasites, diseases and pathogens

Diagram 4

Miscellaneous Pathways (Includes various pathways that did not fit into the

(Includes various pathways that did not fit into the Transportation or Living Industry Pathway Categories)



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