



United States Department of Agriculture

Asian Gypsy Moth Program

William Wesela

Animal and Plant Health Inspection Service

Plant Protection and Quarantine

Preclearance and Offshore Programs

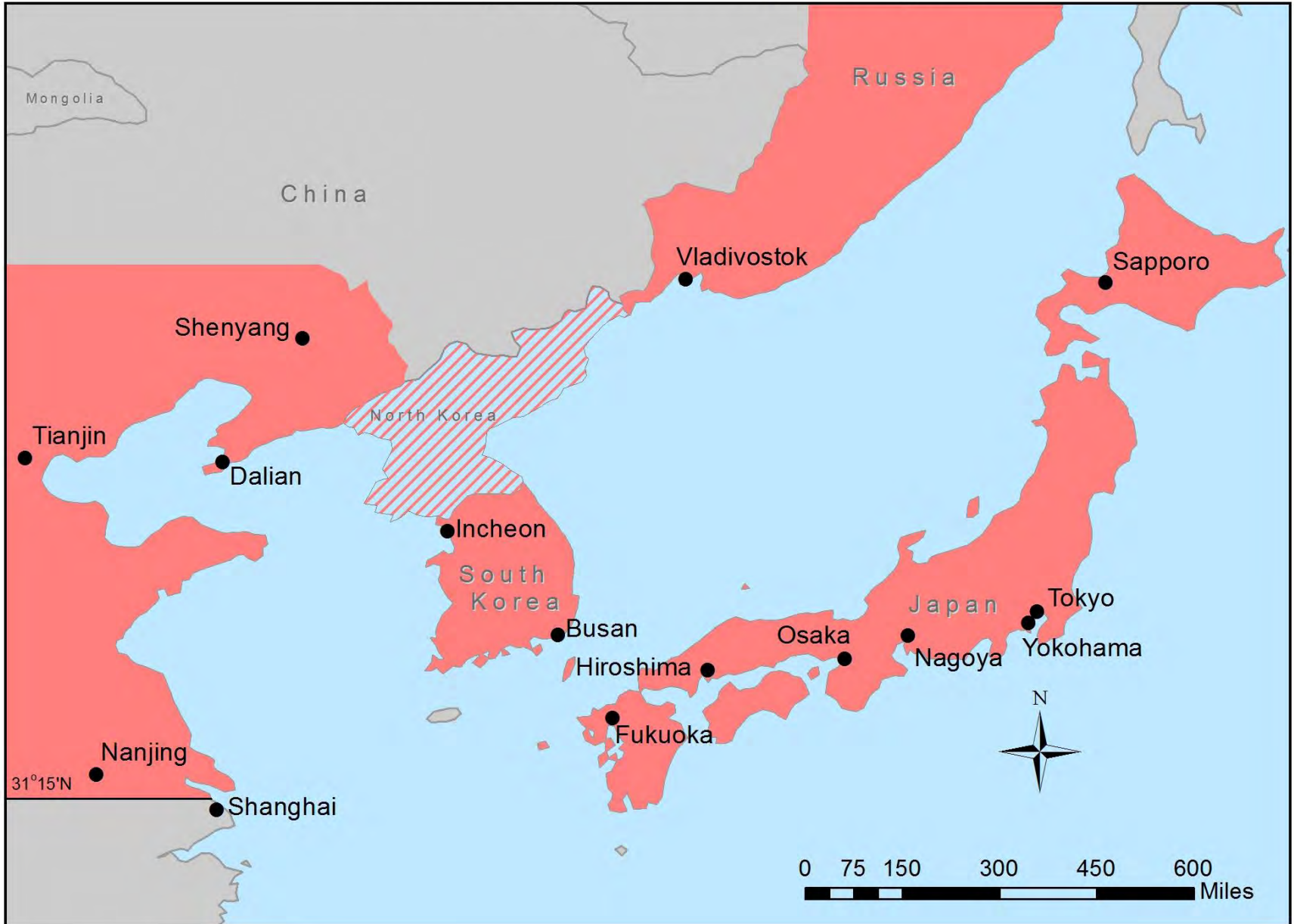
US Legislative Authority

- The Plant Protection Act grants the authority to prevent entry of high risk vessels and to order infested ships to leave U.S. waters. [Title IV Plant Protection Act, 7 U.S.C. 7701, Subtitle A, Section 411 (a)].
 - Take action on vessel with pest of concern
 - No specific regulation for AGM
 - No monetary penalty can be written

Consequences of Non-Compliance – Ordering Vessels into International Waters is Very Expensive to Shipping

- Delays in schedules for commercial vessels average \$50,000/ Day
 - Average Delay is 3-5 Days
 - Maritime industry compliance is improving due to large potential losses with major shipping delays
 - Many shipping companies have set up internal controls
- Trend- More bulk ships are found infested than container or car-carrying vessels
- Conduct industry outreach about ongoing AGM ship detections - This is an avoidable problem for shipping

Asian Gypsy Moth Flight Region



Certification Differences

Russia

- Certification completed by government inspectors from the Russian Federation
- Only program to use active government inspectors

Japan

- Twenty-three authorized entities
- Private companies authorized by Japanese government

Korea

- Authorized the International Plant Quarantine Accreditation Board (IPAB)
- Semi- Private entity under government oversight

China

- Authorized large international private company as sole entity
- China Certification & Inspection Group Inspection Co., LTD. (CCIC)



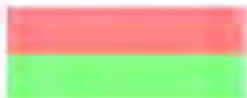
High Risk Certification Periods

Country	Port or Prefecture	Specified Period
Russian Far East	Nakhodka, Ol'ga, Plastun, Pos'yet, Russkiy Island, Slavyanka, Vanino, Vladivostok, Vostochny, Zarubino, Kozmino	July 1 to September 30
People's Republic of China	All ports in northern China, including all ports north of Shanghai	June 1 to September 30
Republic of Korea	All ports	June 1 to September 30
Japan – Northern	Hokkaido, Aomori, Iwate, Miyagi, Fukushima	July 1 to September 30
Japan Western	Akita, Yamagata, Niigata, Toyama, Ishikawa	June 25 to September 15
Japan - Eastern	Fukui, Ibaraki, Chiba, Tokyo, Kanagawa, Shizuoka, Aichi, Mie	June 20 to August 20
Japan - Southern	Wakayama, Osaka, Kyoto, Hyogo, Tottori, Shimane, Okayama, Hiroshima, Yamaguchi, Kagawa, Tokushima, Ehime, Kochi, Fukuoka, Oita, Saga, Nagasaki, Miyazaki, Kumamoto, Kagoshima	June 1 to August 10
Japan - Far Southern	Okinawa	May 25 to June 30

High Risk Inspection Periods

TABLE 6-13: Asian Gypsy Moth Inspection Periods at U.S. Ports for Ships Arriving from Far East Russia, Japan, South Korea, or Northern China Ports (Per APTL and APHIS Policy) Based on Favorable Hatching Climate Conditions

Port Location	Date of Arrival											
	Jan.	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Alaska												
Great Lakes												
Hawaii												
Oregon												
Puerto Rico												
Washington State												
Norfolk, VA and northward												
South of Norfolk, VA to Jacksonville, FL												
South of Jacksonville, FL												
Alabama, California, Florida, Louisiana, Mississippi, and Texas												



Inspection required during this high-risk period

Inspection **not** required but recommended

Challenges

- Maritime Industry Compliance
 - Certification is required, but frequent communication and education of this requirement is vital
 - Ships must certify as close to departure as possible or risk infestation from smarming during flight season
 - Crew must perform self inspection several days prior to arrival

- AGM Ship Inspections
 - Difficulties in detecting egg masses
 - Small and often hidden in sheltered, hard to reach areas

- Communication of detections and cyclical population spikes
 - Information on US/Canadian detections must flow from governmental office to ship certification bodies
 - Likewise, our inspectors benefit from the knowledge of particularly high AGM populations in an Asian country during the year

High AGM Population



Russia

Thank you!

