

 Domestic Diagnostics at USDA APHIS PPQ NIS Stephen W. Bullington, PhD. Domestic Diagnostic Coordinator USDA APHIS – Plant Protection & Quarantine National Identification Services			
WHY FEDERAL COORDINATION? Legal – To guarantee ID is “official;” i.e. one that can be used for new state or county record in federally-recognized database (NAPIS) and/or to authorize official action (i.e. expenditure of money) by the federal government. Practical – States often without local identification resources. HOW TO GET SOMETHING IDENTIFIED? To start the process, contact the NIS Domestic Diagnostic Coordinator (DDC) at: ppq.domestic.diagnostic.coordinator@aphis.usda.gov. The instructions he gives you for submitting specimens will vary depending on whether you are submitting a nematode, an insect or a mite, a mollusk, a suspect weed, or a disease. For insects, the instruction will also vary based on the type of insect. Instruction will also vary depending on whether our official confirmation is normally morphological or molecular. WHO WILL MAKE THE ID AND HOW? (OR WHERE TO SEND THE SPECIMENS?) Scale Insects, Psyllids, Thrips, and Mites (Morphological) <u>MAIL TO:</u> Communication & Taxonomic Services Unit, USDA-ARS-Systematic Entom. Lab Building 005, Room 137, BARC-West 10300 Baltimore Avenue Beltsville, MD 20705 (Use UPS or FedEx; <u>NEVER</u> USPS) Gypsy Moth (Molecular) <u>MAIL TO:</u> Dr. John Molongoski CPHST Otis Pest Detection and Exclusion Laboratory 1398 W. Truck Rd. Buzzards Bay, MA 02542	Other Insects (Morphological) <u>MAIL TO:</u> Location Leader URGENT National Museum of Natural History Systematic Entomology Lab, USDA c/o National Museum of Natural History NHB 168 10th & Constitution Ave., NW Washington, DC 20560 Select Other Insects (Molecular) <u>MAIL TO:</u> Dr. Norman Barr USDA-APHIS-PPQ, CPHST Moore Air Base Bldg., S-6414 22675 N. Moorefield Rd. Edinburg, TX 78541 Snails and Slugs (Morphological) <u>MAIL TO:</u> Dr. Francisco Borrero/Dr. David Robinson Malacology Identification Specialist URGENT USDA-APHIS-PPQ Academy of Natural Sciences 1900 Benjamin Franklin Parkway Philadelphia, PA 19103 Nematodes (Morphological) <u>MAIL TO:</u> Dr. Zafar Handoo URGENT USDA-ARS Nematology Laboratory Bldg. 010A, Room 111, BARC-West 10300 Baltimore Ave. Beltsville, MD 20705-2350 Weeds (Morphological) <u>MAIL TO:</u> Dr. David Bitzel/Dr. Mark Thurmond URGENT USDA-APHIS-PPQ-NIS Bldg. 308, Room 319, BARC-East 10300 Baltimore Ave. Beltsville, MD 20705	Fungi (Morphological and Molecular) <u>MAIL TO:</u> Dr. John McKemy/Dr. Megan Romberg URGENT USDA-APHIS-PPQ Bldg. 010A, Rm. 327, BARC-West 10300 Baltimore Ave. Beltsville, MD 20705-2350 Other Diseases (Molecular) <u>MAIL TO:</u> Sample Diagnostics URGENT USDA-APHIS-PPQ-CPHST B-580, BARC-East Powder Mill Road Beltsville, MD 20705-2350 WHAT TO SUBMIT - The Specimens/DNA extracts - Print-out of PPQ Form 391/IBP record (include with package) - An email to ppq.domestic.diagnostic.coordinator@aphis.usda.gov explaining what you are sending, with tracking number - PDF of PPQ Form 391/IBP record as attachment to email SPECIAL EMAIL INSTRUCTIONS <i>For Insects/Mites to NIS/SEL</i> cc. mary.j.burns@aphis.usda.gov michele.touchet@ars.usda.gov andrew.carmichael@ars.usda.gov <i>For Gypsy Moth</i> cc. john.j.molongoski@aphis.usda.gov <i>For Select Other Insects (Molecular)</i> cc. norman.b.barr@aphis.usda.gov <i>For Snails & Slugs</i> cc. david.g.robinson@aphis.usda.gov francisco.j.borrero@aphis.usda.gov <i>For Nematodes</i> cc. zafar.handoo@ars.usda.gov <i>For Weeds</i> cc. david.f.bitzel@aphis.usda.gov mark.thurmond@aphis.usda.gov	SPECIAL EMAIL INSTRUCTIONS (CONT.) <i>For Fungi</i> cc. megan.k.romberg@aphis.usda.gov john.mckemy@aphis.usda.gov <i>For Molecular Diagnostics of Other Diseases</i> cc. aphis-ppqcphstbeltsvillesamplediagnostics@we.aphis.gov THE 391 AND/ OR IBP RECORD PPQ Form 391 - Paper - Data entered by submitting party The IBP Record - An APHIS Agricultural Quarantine Activity System (AQAS) record - Digital - IBP=“Inland Beyond Port” - Data must be entered by PPQ - Required for Entomology/ Acarology submissions to SEL - SPRO can route through SPHD to get local Area Identifier or Pest Survey Specialist to create record from 391 - Can convert to PDF HOW WILL YOU BE NOTIFIED OF THE RESULTS? Once an ID has been made you will be notified by an email from PPQ Emergency & Domestic Program staff. The notification email will include a PDF of the IBP record. This will be sent to the SPHD and SPRO of the state concerned, as well as other PPQ staff EDP deems relevant. Prior to this happening the DDC is notified of the results by the identifying lab or individual, and he in turn then summarizes previous interceptions, quarantine status, and, where necessary, biology, for EDP. The whole process takes about a day. Submitted insects and mites will usually be returned if requested.