

INVASIVE SPECIES ADVISORY COMMITTEE MEETING

May 13 – 15, 2014

U.S. Fish and Wildlife Service Headquarters
4401 N. Fairfax Drive, Room 530
Arlington, VA 22203

DAY 1: Tuesday, May 13, 2014

COMMITTEE MEMBERS PRESENT

ROBERT WILTSHIRE (Chair)
SUSAN ELLIS (Vice-Chair)
NATHAN STONE (Secretary)
CHARLES BARGERON
JOSEPH BISCHOFF
PATRICK BURCH
JERRY COOK
PHILIP COWAN
TAMMY DAVIS
JOSEPH M. DiTOMASO
OTTO DOERING, III
BONNIE HARPER-LORE
KATHERINE HOWE
WILLIAM HYATT
PHYLLIS JOHNSON
ERIC LANE
JANIS McFARLAND
MARSHALL MEYERS
EDWARD MILLS
CAROL OKADA
ROLAND QUITIGUA
DAVID REID
TIMOTHY SCHAEFFER
DAVID E. STARLING
JOHN PETER THOMPSON
WILLIAM TOOMEY
ROBERT VAN STEENWYK
DAMON E. WAITT
KENNETH ZIMMERMAN

Invasive Species Action Network
California Department of Fish and Wildlife
University of Arkansas at Pine Bluff
University of Georgia
American Nursery and Landscape Association
Dow AgroSciences
Sam Houston State University
Landcare Research
Alaska Department of Fish and Game
University of California, Davis
Purdue University
Restoration Ecology Consultant
Midwest Invasive Plant Network
Connecticut Dept. of Environmental Protection
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Syngenta Crop Protection, LLC.
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Pennsylvania Fish and Boat Commission
Aqueterinary Services, P.C.
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University of Texas at Austin
Lone Tree Cattle Company

COMMITTEE MEMBERS ABSENT

STEPHEN PHILLIPS

Pacific States Marine Fisheries Commission

NISC STAFF PRESENT

LORI WILLIAMS
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STAS BURGIEL

PHIL ANDREOZZI

NISC Director
NISC Deputy Director
Program Specialist and ISAC Coordinator
Assistant Director for Prevention & Budgetary
Coordination
Assistant Director for International Programs

NISC POLICY LIAISONS PRESENT

MARGARET (PEG) BRADY
HILDA DIAZ-SOLTERO
JAMES HESTER
TERRY HOLMAN
SUSAN PASKO
CAROLINE RIDLEY
JOHN SAGLE
MICHAEL TRULSON

U.S. Department of Commerce (NOAA)
U.S. Department of Agriculture (FS)
U.S. Agency for International Development (G/ENV)
U.S. Department of the Interior (OS/PPA)
U.S. Department of Commerce (NOAA)
U.S. Environmental Protection Agency
U.S. Department of Homeland Security (CBP)
U.S. Department of State

Robert Wiltshire, ISAC Chair, called the meeting to order at 8:01 a.m.

Mr. Wiltshire welcomed everyone and gave an overview of the meeting theme and agenda, followed by a round-robin introduction of members.

WELCOMING REMARKS

Terry Holman of DOI's Office of Policy Analysis introduced the keynote speaker, Lori Faeth, DOI Deputy Assistant Secretary for Policy and International Affairs. Ms. Faeth first welcomed the newest ISAC members of Class 8, and thanked the committee for their service and patience during two years of budget uncertainty, as well as for continuing their work through the subcommittee projects. She then talked about the importance of invasive species in the protection of national resources and DOI lands, highlighting the recently approved DOI Invasive Species Action Plan. She also mentioned the importance of receiving input from ISAC on the region and update of the National Invasive Species Management Plan. She also mentioned the importance of receiving input from ISAC on – how to reach out to additional constituencies and partners; how NISC should address critical pathways to stop the introduction and spread of invasive species; input on successful state/local and regional invasive species programs; as well as elements that should be included in the update of the National Invasive Species Management Plan.

APPROVAL OF THE MINUTES FROM THE MAY 2012 MEETING

A motion was made by B. Wiltshire to approve the minutes as written. The motion was seconded by O. Doering, and the minutes were approved by general consent.

INITIAL ISAC HOUSEKEEPING

Given the two-year hiatus in ISAC meetings, there was some discussion regarding meeting operations and protocol (see below).

Brief Overview of NISC

Lori Williams gave a brief history of NISC. She also discussed ISAC's role as an advisory committee, and touched upon its responsibilities with regard to the Federal Advisory Committee Act (FACA.)

Length Of ISAC Subcommittee Breakout Sessions

Bob Wiltshire initiated discussion about how subcommittee meetings are conducted. Recognizing that the majority of work is done at the subcommittee level, the group was asked to consider whether the 90 minutes currently scheduled for breakouts is sufficient, or whether subcommittees require more time both during meetings and inter-sessionally.

Follow-up on Past ISAC Recommendations and Action Items

B. Wiltshire explained the process for generating and approving ISAC recommendations.

- **B. Harper-Lore asked if past recommendations and white papers can be listed on the site.** *White papers are already listed on the site at http://www.invasivespecies.gov/global/ISAC/ISAC_whitepapers.html. ISAC's recommendation letters are also posted on the website, but they are located within each meeting's supplemental documents. C. Dionigi (NISC Staff), B. Harper-Lore, and J.P. Thompson will work together on creating a spreadsheet of past recommendations. **[ACTION ITEM]***
- **E. Lane suggested that the six-month window between meetings contributes to the lack of movement on recommendations.** *ISAC should help engage the agency to whom the recommendation is directed, and work with NISC staff on follow-up within 2 – 3 months. NISC staff will discuss this issue with the policy liaisons. **[ACTION ITEM FOR NISC AND ISAC]***
- **E. Mills proposed that to better develop the recommendations drafted during meetings there should be more conversation with NISC staff and liaisons beforehand.**
- **H. Diaz-Soltero (USDA) suggested that each department should prepare a response to each recommendation.** *ISAC can request that the other NISC agencies prepare more comprehensive reports.*

NISC STAFF REPORTS

Lori Williams, NISC Executive Director

Executive Director, Lori Williams, provided the NISC Staff report. She discussed the resignation of the NISC Office Manager whose position will not be filled in the near future; the NISC staff's move to the Main Interior Building in July of 2014; NISC staff activities and work on the revision and update of the National Invasive Species Management Plan. Lori noted that ISAC subcommittees will be asked about elements that should be included in the Plan update. She also talked about the newly formed House (of Representatives) Invasive Species Caucus in 2013; as well as plans to work with partners to co-host National Invasive Species Awareness Week of 2015.

Tim Schaeffer recommended that the revised Plan elements should comply with the SMART planning model – which provides that all elements or actions included in a plan should be Specific, Measurable, Action-oriented, Realistic and Time-bound.

NISC RESPONSE TO ISAC RECOMMENDATIONS (from the June 2012 Meeting)

Lori Williams, NISC Executive Director

ISAC WHITE PAPER: Invasive Species and E-commerce

ISAC concluded that relevant federal agencies need to adjust existing regulations and enforcement practices to better mitigate the risks of trade and transport of invasive species through e-commerce. We offer the following recommendations to enhance our collective ability to engage in e-commerce without promoting the introduction or spread of invasive and potentially invasive species.

1. Department of Interior, U.S. Fish and Wildlife Service (DOI/FWS) and U.S. Department of Agriculture, Animal and Plant Health Inspection Service (USDA/APHIS): Expedite listing processes for the national importation of injurious wildlife and other animals and noxious plants under the Lacey Act, the Plant Protection Act and the Animal Health Protection Act to better assess and address emerging invasive species threats, including those associated with e-commerce.

Answer: FWS and APHIS are continuing with their listing processes for new potentially invasive species. (Refer to Craig's update on expediting Lacey Act efforts and I'm trying to get solid numbers of species listed under NAPPRA from APHIS).

2. DOI/FWS: Incorporate all species-specific data submitted with Form 3-177 declarations for wildlife imports into the Law Enforcement Management Information System (LEMIS) or another accessible database.

Answer: The Great Lakes Commission has initiated work on webcrawlers to address invasive species in trade with particular relevance to the region (but with the potential for broader application). A number of federal agencies have participated in the discussions, including around enforcement issues. GLC has the ISAC report and we anticipate further discussions regarding the outcome of their efforts and implications for federal agencies.

3. Department of Homeland Security (DHS): Expand cooperation with the U.S. Postal Service to monitor and increase the capability to interdict international mail containing potentially invasive species and encourage the U.S. Postal Service to expedite requirements for advance electronic manifests associated with packages sent through international mail similar to current practice for international express mail and consignments.

4. USDA/APHIS: Expand the scope of webcrawlers and related enforcement and monitoring activities used by the Smuggling Interdiction and Trade Compliance unit to include a broader array of invasive plants and plant pests, and enhance cooperation with U.S. Fish and Wildlife Service (DOI) to address injurious wildlife.

5. USDA Agricultural Research Service: Support development of and capacity for an Internet clearinghouse of federal and state-listed invasive species such as injurious wildlife, other animals and noxious weeds and of relevant regulations. Such a resource could be located at the National Agricultural Library's Invasive Species Information Center or another appropriate website and should include relevant agency contact information and a general reporting form that allows the public to report suspected violations.

6. DOI/FWS, USDA/APHIS, Department of Commerce, National Oceanic and Atmospheric Administration (DOC/NOAA) and other relevant agencies: Provide a reference catalog or database of taxonomic resources that commercial interests can use to verify the taxonomic identity of organisms in trade.

7. Department of State and Office of the US Trade Representative: Given that a significant portion of e-commerce entities is based outside the U.S., explore further cooperative and legal measures with foreign trading partners and relevant international institutions and other bodies to address the illegal import of invasive species into the U.S.

8. DOI/FWS, USDA/APHIS and DOC/NOAA: Promote outreach to individuals and businesses involved in the sale and exchange of species over the Internet to reduce intentional and unintentional sales or purchases of species listed as invasive in the U.S. or particular states.

ISAC WHITE PAPER: Validation of PCR-Based Assays and Laboratory Accreditation for Environmental Detection of Aquatic Invasive Species (AIS)

To encourage the development of a validation/accreditation system for AIS environmental DNA (eDNA) detection methodologies and laboratories ISAC recommends that the NISC member Departments and Agencies and their partners consider adoption of the following recommendations:

9. Encourage and develop funding for the National Academy of Sciences to undertake a review of the reliability and effectiveness of Polymerase Chain Reaction (PCR) and other DNA-based applications for detecting AIS, focusing on establishment of appropriate validation processes and a framework and standards for this new and potentially invaluable tool in the early detection, eradication, prevention and control of AIS.

10. Establish and fund an ongoing independent performance testing program for laboratories utilizing DNA-based AIS detection methodologies such as that recently undertaken for evaluating laboratory performance in PCR detection of dreissenid mussel larvae (Frischer et al. 2011). Testing results should be made public so that managers may make informed decisions about the accuracy and reliability of a laboratory's performance when including an eDNA component in an AIS monitoring and early detection system.

11. Utilize lessons learned in establishing a laboratory performance testing system to fully develop a validation/accreditation program(s) for other invasive species eDNA methodologies and laboratories.

Potential Introduction of Invasive Weeds through Highway Construction

In addition to approving the E-commerce and PCR white papers, ISAC addressed the issue of soil and gravel movement during highway projects as a potential pathway for the spread of invasive weeds, and made the following recommendation:

Background: Fifty (50) State Departments of Transportation (DOTs) manage 17 million acres of roadsides or rights-of-way (ROWs) across the nation. The Federal Highway Administration (FHWA) provides funding for new construction/upgrade projects on interstate, state, county and municipality highways. These are called Federal-Aid Highways and they are maintained by state and local agencies after completion. New projects, considered "road improvements" disturb soils. The movement of soils and gravel during highway work, and/or disturbance of competitive vegetation, increase the opportunity for invasive plant/noxious weed seed introduction and release. Best management practices to prevent or reduce invasions are necessary. On completion of construction, all maintenance responsibility transfers to the state and local agencies. The cost of prevention, as well as the cost of vegetation management after construction of these disturbed sites continues to stress local and state budgets at the same time they diminish.

12. ISAC recommends the FHWA/USDOT require the inventory and control of invasive and noxious terrestrial and aquatic vegetation at all stages of construction/upgrade projects, beginning in FY14. Inventory and control should include but not be limited to the following preventative actions: Inventory and control of existing corridor vegetation before project begins

Specify weed-free gravel, soils and mulches on each project Clean construction/maintenance equipment before, during and after project Construction funding be accountable for the costs associated with invasive and noxious vegetation monitoring/control following the project until a stable, sustainable plant community is established, not to exceed 5 years following the project completion ISAC recommends that NISC adopt both white papers, the full versions of which are attached.

NISC MEMBER DEPARTMENT REPORTS

Jim Hester, NISC Member representing U.S. Agency for International Development, announced that he will retire from federal service on June 3, 2014. He commended ISAC for their valuable contributions thus far. He discussed the following:

- Integrating invasive species into the ordinary work of USAID: balancing the environment vs. food security.
- Increased capacity to address broader environmental issues.
- Hired 58 new Foreign Service staff in the environmental area.

M. Peg Brady, Policy Liaison, U.S. Department of Commerce (NOAA)

- Budgetary Issues
 - There are no directed funds for invasives. Instead, invasive species are integrated into existing programs and trust resources.
- Hazard Analysis Critical Control Points (HACCP)
 - HACCP approach being used in restoring habitats that could introduce invasive species.
 - Development of HACCP plans now a condition of grants
- Update on Aquatic Nuisance Species Task Force (ANSTF)
 - NOAA hosted ANSTF during week of May 5, 2014.
 - Forty-three states now have approved ANS management plans
 - Approved revised snakehead management plan
 - Distributed draft lionfish management plan
 - ANSTF holding a tunicate workshop on the west coast [DATE?]
 - Currently working on report to Congress on ANSTF activities.
 - Struggling with budgetary issues; funds being diverted to a few high profile species plans
 - Filling the vacant position of ANSTF Executive Secretary is on hold

Craig Martin, U.S. Department of the Interior (USFWS)

- Update on Lacey Act: Risk management efforts have focused on organisms in trade. Budget for Fiscal Year 2014 is \$10 million.
- Importance of nationally-coordinated biosecurity program/plan, with
 - enhanced risk screening through a fair and practical screening process (e.g., USGS NAS database, CABI).
 - Ecological risk screening as “high, low, uncertain”
 - Leveraging Australian work on climate match.
 - Using Bayesian statistics to evaluate risk.
 - Developing a mapping program.
 - Risk screening process undergoing OMB science review.
- Proposal for categorical exclusion under NEPA. Over 5,000 comments received. Expect completion in the near future
- Anticipating clarification of evidence standards under administrative procedures act.
- Reviving non-regulatory Habitattitude™ program.
 - Anticipating enhancement of MOU with PIJAC and DOI; broadening to terrestrial organisms; updating the website, and promoting front-end message when choosing a pet. An advisory board and implementation team have been formed.

PRESENTATION: FOREST SERVICE HANDBOOK

Joe DiTomaso, ISAC and Mike Ielmini, U.S. Forest Service (USDA)

The Forest Service requested that ISAC provide assistance in the development of their Forest Service Handbook. [CHRIS – please provide short summary]

NISC MEMBER DEPARTMENT REPORTS (continued)

Hilda Diaz-Soltero, U.S. Department of Agriculture (APHIS)

Ms. Diaz-Soltero provided an overview of the information contained in the three reports she provided to the ISAC: 1) USDA Report to ISAC (Spring 2014), 2) USDA Do No Harm Report for FY 2013; and 3) USDA Grants Workbook (FY 2014).

Caroline Ridley, U. S. Environmental Protection Agency

Dr. Ridley summarized EPA involvement in the approval of *Arundo donax* and *Pennisetum purpureum* as qualifying for RFS (Renewable Fuel Standard) credits. Due to comments received from NISC and DOI, EPA put in place mitigation measures that require USDA to approve a mitigation plan prior to planting.

GROUP DISCUSSION: HARVEST INCENTIVES WHITE PAPER

B. Wiltshire opened the floor to a brief discussion prior to approval of the final version of the ISAC White Paper entitled, *Harvest Incentives: A Tool for Managing Aquatic Invasive Species*. The redrafted document circulated for review and comment prior to the ISAC teleconference meeting held on December 12, 2013. A number of comments were made during that meeting and incorporated into a revised draft. The revised draft was circulated to the full ISAC and made available on the NISC website, www.invasivespecies.gov on April 24, 2014.

MEMBERS' FORUM

During the member's forum, ISAC members shared information about their activities and recent invasive species developments.

SUBCOMMITTEE & TASK TEAM MEETINGS

- Prevention
- Communication, Education and Outreach
- Control and Management
- Research and Information Management
- Early Detection Rapid Response
- Organizational Collaboration

PUBLIC COMMENT

There was no public comment on Day 1

There being no further business, the meeting adjourned for the day at 5:25 p.m.

INVASIVE SPECIES ADVISORY COMMITTEE MEETING

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DAY 2: Wednesday, May 14, 2014

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COMMITTEE MEMBERS ABSENT

STEPHEN PHILLIPS

Pacific States Marine Fisheries Commission

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The Meeting was called to order at 8:00 a.m. by B. Wiltshire.

PRESENTATION: EXAMPLE OF REGIONAL COORDINATION: MODEL STATE LAW FOR RECREATIONAL WATERCRAFT PATHWAY

Priya Nanjappa, Association of Fish and Wildlife Agencies

Ms. Nanjappa discussed a model law drafted by Western states to address the recreational boating pathway, which was adopted by the Association of Fish and Wildlife Agencies at their meeting last month in Denver. She talked about this common approach and the process and importance of reaching consensus on this guidance designed to stop the spread of extremely harmful invasive species-- including quagga and zebra mussels. This model law provides a successful example of regional coordination, pathway management and working across jurisdictional lines. It also relates to a current parallel federal effort by NISC and ANSTF to harmonize federal efforts to deal with this and other AIS pathways.

PRESENTATION: USING NON-NATIVE SPECIES IN SHELLFISH CULTURE AND THE CHALLENGE OF AN "INVASIVE SPECIES" LABEL

Diane Cooper, Taylor Shellfish

Ms. Cooper discussed the issue of using non-native shellfish species in continued farm production in the face of increasing challenges relative to regulatory confusion over the terms "non-native" and "invasive." She provided a historic and current context of the issue, and examples of the challenges of using non-native species (particularly in food production) in light of invasive species awareness – given the continued confusion and debate about the definition of terms..

PRESENTATION: FICMNEW: WHO WE ARE, WHAT WE DO, AND HOW CAN WE ASSIST

Doug Holy, U.S. Department of Agriculture, Natural Resources Conservation Service (NRCS)

Mr. Holy gave a short history of the Federal Interagency Committee on the Management of Noxious and Exotic Weeds (FICMNEW), its past accomplishments, and its present activities to generate a brief discussion about how FICMNEW might be of more benefit in addressing invasive species issues.

PRESENTATION: FARM BILL 2014

Doug Holy and Rosalind James

U.S. Department of Agriculture, Natural Resources Conservation Service (NRCS)

Mr. Holy and Ms. James discussed the attributes of 2014 Farm Bill related to invasive species, funding for invasive species programs and invasive species research.

PRESENTATION: ADDRESSING ISSUE OF NON-NATIVE FOREST INSECTS

Bill Toomey, The Nature Conservancy (ISAC Member)

Mr. Toomey gave an overview of the vision, strategies and actions to address the threat from non-native forest insects and diseases to trees and forests in North America. He also highlighted the work of the Continental Dialogue and The Nature Conservancy's Forest Health Protection and Healthy Trees Healthy Cities program.

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DAY 3: Thursday, May 15, 2014

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PRESENTATION: STANDARD PRACTICE FOR CREATING A LIST OF INVASIVE PLANS FOR A DEFINED REGION

Susan Gitlin, U.S. Environmental Protection Agency

Ms. Gitlin described a proposed new American Society for Testing and Materials (ASTM) standard which will describe the criteria and procedures to be used to develop an invasive plant list for a specific geographic region and will serve as a foundation for creating such lists to support building codes and related applications. ASTM WK40773, Practice for Invasive Plant Listing, is being developed by Subcommittee E60.01 on Buildings and Construction, part of ASTM International Committee E60 on Sustainability.

PRESENTATION: ANSTF/NISC REPORT ON CLIMATE CHANGE AND INVASIVE SPECIES

Stas Burgiel, National Invasive Species Council Staff

Dr. Burgiel provided a general overview of the Aquatic Nuisance Species Task Force's adoption of a recommendation to examine the available tools, methods and resources for managers to address the interconnected drivers of climate change and invasive species. An ad hoc task group, involving both federal and non-federal experts, is developing an initial draft report for ANSTF and NISC that includes background information, the management context for climate change and invasive species, a review of available tools, as well as a discussion on institutional coordination, resources and recommendations.

PRESENTATION: BIOSECURITY AND INVASIVE SPECIES MANAGEMENT IN NEW ZEALAND

Philip Cowan, Landcare Research (ISAC Member)

Mr. Cowan talked about the current biosecurity system in New Zealand and the management of invasive species, including the legal basis for action and New Zealand's wider contribution to Pacific biosecurity.

PRESENTATION: SAGE GROUSE AND INVASIVE SPECIES FIRE CYCLES

Ken Mayer, Western Association of Fish and Wildlife Agencies

Mr. Mayer provided an update on the critical conservation situation of the Greater sage-grouse (Possible Endangered Species Listing) and the direct and indirect impacts caused by invasive plants within the bird's range across 11 western states—wildfire and invasive species are the number 1 threat to sage-grouse.

FINAL ADOPTION OF RECOMMENDATIONS AND ACTION ITEMS

Recommendations

- **WHITE PAPER - Harvest Incentives: A Tool for Managing Aquatic Invasive Species — Recommendations to NISC member agencies:**

B. Wiltshire called for a vote to approve the white paper, the final draft of which was discussed on May 13, 2004. The paper was approved unanimously, including all of the recommendations therein.

- **From the Communications, Education and Outreach (CEO) Subcommittee:**

Given the outreach and communications objectives in the National Management Plan, ISAC recommends the Department of the Interior fill the National Invasive Species Council's "Outreach and Communications Specialist" position during FY 2015. This position will guide the development of the NISC communication plan and outreach efforts.

Recommendation approved by general consent.

➤ **From the Control and Management Subcommittee:**

USDA Forest Service went to the National Invasive Species Council (NISC) requesting technical assistance to gain additional expertise on invasive species in their Handbook. NISC utilized the expertise in ISAC to provide the requested support. ISAC assigned the Control and Management subcommittee with the task of providing technical assistance. The subcommittee sought additional expertise from outside experts. The documents were subsequently circulated within the Task Team (subcommittee and additional experts) for additional technical review. Comments and other content were included within the documents and provided to the USDA Forest Service through NISC. This process was then brought before the full ISAC for further comments.

Recommendations:

- a. ISAC recommends that the process of providing technical review and information to NISC and other agencies for the production of handbooks, or documents of significant science, be an inclusive process that utilizes the expertise within and outside of ISAC to provide a broader perspective, as well as timely and accurate information.
- b. ISAC recognizes the importance of this process and recommends that other agencies consider using materials developed using this process, such as the U.S. Forest Service Invasive Species Management Handbook, when developing federal policy, direction, or other guidance on invasive species.
- c. Similarly, ISAC recommends that other agencies follow this process, or a similar process, that facilitates inclusion of additional expertise when developing materials on invasive species.

➤ **From the Research and Information Management Subcommittee:**

ISAC Recommends that NISC agencies with extramural grant programs make it clear in their grant guidance and Requests for Proposals that funding for support of systematics collections (as related to the agency mission, including management and curation) can be an allowable expense on a grant budget.

➤ **Additional Recommendation:**

ISAC recommends that the Department of the Interior fully funds and fills the position of Executive Secretary of the Aquatic Nuisance Species Task Force.

Action Items

Research and Information Management Subcommittee:

- 1) Invite Scott Miller, Smithsonian Institute, to present to ISAC about scientific collections of organisms.
- 2) Further consider its recommendation that NISC agencies and departments include in their reports to ISAC, information by fiscal year (for FY 2012 and onward) on funding for:
 - a) Curation and management of each biological systematics collection held by the agency;
 - b) research using each of these collections, numbers of researchers and support staff; and,
 - c) systematics collections support through extramural grant programs.

Prevention Subcommittee:

- 3) Work with NISC staff on a request to NISC agencies for information on their authorities, policies, regulations, known gap, shared jurisdiction, etc. As related to trade and the movement of invasive species across national, state and territorial borders.

NISC Staff:

- 4) Work on approval of two-year extension for all current ISAC members.
- 5) Consolidate all ISAC recommendations into spreadsheet.

HOUSKEEPING DISCUSSION

Membership Status, Officers, Steering Committee

- ISAC nomination of officers is as follows:
 - Chair: R. Wiltshire
 - Vice-Chair: S. Ellis
 - Secretary: J. Cook
- STEERING COMMITTEE:
 - S. Ellis (Chair),
 - B. Wiltshire
 - J. Cook,
 - C. Bargeron
 - B. Harper-Lore
 - E. Mills
 - E. Lane
 - R. Quitigua
 - D. Starling
 - N. Stone
 - J.P. Thompson
 - D. Waitt
 - R. Van Steenwyk
- SUBCOMMITTEE CHAIRS:
 - P. Johnson – Research and Information Management
 - C. Bargeron – Early Detection and Rapid Response (EDRR)
 - K. Howe – Organizational Collaboration
 - R. Quitigua / C. Okada – Prevention
 - B. Harper-Lore – Communication, Education and Outreach (CEO)
 - J. DiTomaso – Control and Management
- NISC Staff to submit request for two-year term extension for sitting ISAC members.

Fall 2014 Meeting

- Dates for next meeting: November 12-14, 2014 (Tuesday – Thursday); Alternate date: November 16-20, 2014
- Tentative Location: Austin, TX (Field POC: D. Waitt)

PUBLIC COMMENT

There was no public comment.

There being no further business, the meeting adjourned at 12:00 p.m.