AGF/CRO/11/007/REG	DATE: 10TH JANUARY 2019

JAIF PROJECT PROGRESS REPORT

PROJECT TITLE:	**Taxonomic capacity building to support market access for agricultural trade in the ASEAN region**	
PROJECT PROGRESS REPORT:	☐ 1st ☐ 2nd ☐ 4th ☐ 5th ☐ 6th ☐ 7th ☐ 8th XXX	
PROJECT START AND END DATES	From: MAY 2015	To: MARCH 2019
PERIOD COVERED BY THIS REPORT:	From: 1 JULY 2018	To: 31 DECEMBER 2018
IMPLEMENTING AGENCY:	ASEAN Plant Health Cooperation Network (APHCN) - ASEANET	
CONTACT PERSONS:	Names: DR LUM KENG YEANG (Chairperson & Project Manager) & DR SOETIKNO S. SASTROUTOMO (Technical Secretary) Tel: +60-3-8943-2921 Fax: +60-3-8942-6490 E-mail: ky.lum@cabi.org AND s.soetikno@cabi.org	

OVERVIEW:

Briefly describe: (i) the objective of the project; (ii) progress in project implementation to date; (iii) any particular issues faced and/or results achieved during this reporting period.

(i) **Overall objective:**
The project will develop and strengthen capacities in taxonomic knowledge to identify and manage quarantine risks associated with agricultural commodities and to accurately diagnose pests and diseases among the ASEAN Member States (AMS).

Intermediate objective: To increase taxonomic capacity of scientists/officers from AMS in 3 groups of insect pests and diseases, i.e. in plant viruses, aphids and leaf miners of agricultural importance.

(ii) Progress till DECEMBER 2018:

The Attachment Program on Diagnostics of Weevils of Quarantine Importance was held from 7th November to 19th December 2018 with Prof. Keiko Natsuaki from Tokyo University of Agriculture as the Coordinator. The objectives of the attachment program are:

a. To transfer skills and knowledge of weevil experts specifically Japanese experts to participants so as to increase their capacity, experience, and knowledge in the diagnostics of pests and taxonomic identification and also to learn techniques in identification;
b. To strengthen diagnostic capacity by providing participants with practical understanding of the concept of weevils, their identification and current management practices; and
c. To tap these trained participants who have undergone more intensive technical training to subsequently serve as potential ASEAN resource persons on the identification of weevils using their gained expertise to the benefit of all ASEAN member states and the ASEAN Diagnostic Network.

Three participants, each from Vietnam, Thailand, and Indonesia have participated in the attachment program.

(iii) **Results:**

The following outputs have been achieved:

1. Updated Project Website (http://aseanet.org/JAIF1.asp)
2. Attachment Program on Diagnostics of Weevils of Quarantine Importance in Japan

PART A: PROGRESS & RESULTS

A. PROGRESS & ACHIEVEMENTS:

Describe progress in implementation during this reporting period, including key outputs/outcomes, based on the approved project document.

1. Attachment Program on Diagnostics of Weevils of Quarantine Importance

The revised proposal has been approved by the Japanese Government through ASEAN Secretariat on 9th August 2018. The attachment program has been implemented from 7 November to 19 December 12018 with three participants, one each from Vietnam, Thailand, and Indonesia. During the 1.5-month program, they were attached and worked in several laboratories in Japan, i.e. Tokyo University of Agriculture (NODAI) Setagaya and Atsugi campuses, and Tsukuba Post-entry Quarantine Centre, Yokohama Plant Protection Research Centre and Kobe Plant Protection Station, all under the Ministry of Agriculture, Forestry and Fisheries (MAFF) Japan. The program of the attachment consisted of 3 (three) activities related to weevils of quarantine important, they were: lectures, laboratory practices, and field trip, and these divided into 5 (five) locations, i.e., Tokyo University of Agriculture/NODAI - Setagaya Campus, Yokohama Plant Protection Station, Kobe Plant Protection Station, Tsukuba Center of Yokohama Plant Protection Station, and Tokyo University of Agriculture (NODAI) - Atsugi Campus. Table below showed the time table in each location.

No.	Location	Time
1.	Tokyo University of Agriculture/NODAI - Setagaya Campus	7-11 November 2018 17-18 December 2018
2.	Yokohama Plant Protection Station	12-16 November 2018
3.	Kobe Plant Protection Station	19-21 November 2018
4.	Tsukuba	26-30 November 2018
5.	Tokyo University of Agriculture (NODAI) - Atsugi Campus	3-14 December 2018

The daily program in each location is given in the **Annex 1.**

The report of the attachment program is still being prepared as the participants was given a month to prepare their report after their departure from Tokyo on 20th December 2018.

2. Final Project Meeting:

This proposed Final Project Meeting be organized in late February 2019 and will be participated by the JAIF Project Steering Committee members (one officer each from Malaysia, Indonesia, Philippines, Singapore, Thailand and Vietnam) and in addition senior officers from the NPPOs (National Plant Protection Office) of Brunei Darussalam, Cambodia, Myanmar and Laos. The objectives of the meeting are:

a) To present the summary of all JAIF project activities to the SC and other ASEAN country participants,

b) To finalize in detail the contents of the final project report,

c) To discuss and finalize the financial report,

d) To brief, discuss and follow-up on the Phase 2 of the JAIF project, and

e) To discuss on the sustainability of ASEANET-APHCN after 2019.

The tentative agenda of the meeting is given as **Annex 2.**

B. TIMEFRAME AND BUDGETING

Explain whether the project is on-track with regard to: (i) the budget; and (ii) the original timeframe. If either the expenditures and/or timeframe are off-track, please explain and describe the corrective actions being taken.

_____

Approval for Project Extension: Project implementation is behind schedule, as a result of the delay in the implementation of one activity of the Component 1-1: Attachment Program on Diagnostics of Weevils of Quarantine Importance which started only in November 2018. Therefore, request for another project extension with no cost has been submitted to JAIF Management Team through the ASEAN Secretariat in June 2018. In 9th August 2018 we received a letter from the ASEAN Secretariat that our request for Project extension until March 31, 2019 has been approved by the Japanese Government.

Project Budget

Budget expenditure during this reporting period was only **US$ 76,625.17**(**Annex 3**).

C. OTHER IMPLEMENTATION ISSUES

Describe any significant changes to the project design, context or partners during the reporting period, or any other issues faced, and actions that are being taken in response, if appropriate.

D. OTHER COMMENTS:

Please provide any other relevant information or observations on the project, e.g. on lessons learned, particular challenges or issues that may arise in the next reporting period, changes to the logframe, etc.

Proposal for JAIF Phase 2 Project

The 3rd revision of the Phase 2 proposal has been prepared with 2 (two) training workshops and 1 (one) attachment program in Japan, i.e. on:

a). Training workshop on Diagnostic of Plant Parasitic Nematodes to be held in Indonesia with a Japanese resource person, Dr. Prof. Dr. Hideaki Iwahori from Department of Bioresource Sciences, Faculty of Agriculture, Ryukoku University, Otsu, Shiga 520-2194, Japan.

b). Training workshop on Diagnostics of Begomovirus and the Use of LAMP-PCR to be held in the Philippines with a Japanese resource person, Prof. Dr. Masashi Ugaki from Laboratory of Bioresource Technology, Department of Integrated Biosciences, Graduate School of Frontier Science, The University of Tokyo, Kashiwa-shi, Chiba-ken 277-8561, Japan.

c). Attachment program on Diagnostic of Plant Parasitic Nematodes to be held at the Department of Bioresource Sciences, Faculty of Agriculture, Ryukoku University, Otsu, Shiga 520-2194, Japan under the supervision of Prof. H. Iwahori.

The total budget for JAIF Phase 2 Project for one year has been further reduced now to only **US$ 374,867.85**

The revised proposal under new format of ASEAN Project has been submitted to ASEC and JAIF Management Team on 8th January 2019 for their funding consideration and approval**.**

Provide a list of key documents (e.g. mission reports, training materials, workshop reports, etc.) produced during this reporting period. Copies of the final versions of these documents should be attached to this report.
==========

1. Daily Program for the Attachment on Diagnostics of Weevils of Quarantine Importance in Japan
2. Tentative Agenda of the JAIF Final Project Meeting.
3. Financial Report from 1 July to 31 December 2018

E: FINANCIAL OVERVIEW (SEE ANNEX 3)

	JAIF	In kind / Other	Total
Total project budget (US$)	892,354.10	0	892,354.10
Total amount received to date (US$)	847,736.40	0	847,736.40
Total expenditure during the reporting period*	76,625.17	0	76,625.17
Total expenditure to date (US$)	732,108.85	0	732,108.85
Unspent/(Overspent) funds (US$)	160,245.24	0	160,245.24

*Please submit a separate financial statement with a more detailed description of expenditures during the reporting period, based on the approved project budget and planned outputs/activities.

ANNEX 1. ACTIVITIES CONDUCTED BY PARTICIPANTS IN DIFFERENT INSTITUTIONS IN JAPAN

1. Activities conducted at Tokyo University of Agriculture (NODAI) - Setagaya Campus

No.	Activity	Brief Summary
1.	Briefing and orientation **Instructure/Supervisor:** **Prof. Keiko Natsuaki (NODAI)** Date: 8 November 2018	Presentation and introduction of: • Tokyo University of Agriculture (NODAI), • Plant Protection System in Japan, • Agriculture of Japan at current time.
2.	Orientation of Tokyo University of Agriculture (NODAI) - Setagaya Campus **Instructure/Supervisor:** **Staff of NODAI** Date: 8 November 2018	Orientation of: • Laboratories, • Buildings in NODAI, • Library, • Education system, • Other facilities, • etc.
3.	Visit to Kagaku Mirai-kan Museum **Guide:** **Staff of NODAI** Date: 9 November 2018	• Kagaku Mirai-kan Museum is a museum or research facility dedicated to inspiring discovery in science and technology through its exhibitions and education programs. • Participants had the opportunity to get information related to the technological progress of today, from simple day-to-day questions, to the latest technologies, the global environment, space exploration and life science, etc.
4.	Visit to Tama Zoological Park (Insect Museum) **Guide:** **Staff of NODAI** Date: 10 November 2018	• Tama Zoological Park is a unique zoological park, where animals are displayed under natural and spectacular habitats set up in its vast land of 52 ha (129 acres). The zoo has three ecological areas, i.e., the Asiatic Garden, African Garden and Australian Garden, and the Insectarium. • Participants learnt more about the collections of the zoo, including: domestic and exotic animals, and also insect collections in the Insectarium.
5.	Final presentation **Date:** **17 December 2018**	Presentation of final report by participants from: • Thailand, • Vietnam, and • Indonesia. The content of presentation, consists of: background, objectives, activities, conclusion of the attachment program and recommendations.

2. Activities conducted at Yokohama Plant Protection Station

No.	Activity	Brief Summary
1.	Briefing and orientation **Instructure/Supervisor: (Yokohama Plant Protection Station):** **1. Mr. Yukio Yokoi** **2. Mr. Ren Iwaizumi** Date: 12 November 2018	Briefing and orientation divided into: 1. Presentation of: • Plant protection system in Japan, • International/regional arrangements and Japan's contributions 2. Introduction of Yokohama Plant Protection Station (structure of organization, facilities, human resources, laboratories, management, etc.)
2.	Visit storage pest specimen collections **Instructure/Supervisor: Mr. Yamaguchi (Yokohama Plant Protection Station)** Date: 12 November 2018	Participants received information related to storage pest specimen collection at Yokohama Plant Protection Station. This collection was based on the collected specimens during the interception at the port.
3.	Lectures and Practicals on Storage Pests: **Identification of some families in Coleoptera (as a storage pests) by morphological characters using identification key** **Instructure/Supervisor: Mr. Matsumoto (Yokohama Plant Protection Station)** Date: 13 November 2018	Some important specimens of different families were given in practicals. These consists of: • Super Family Bostrychoidea: - Anobiidae - Bostrichidae - Ptinidae • Super Family Cleroidea: - Cleridae - Trogossitidae • Super Family Chrysomeloidea: - Bruchidae • Super Family Curculionoidea: - Anthribidae - Dryophthoridae • Super Family Cucujoidea: - Cerylonidae - Lathriididae - Silvanidae - Tenebrionidae • Super Family Dermestoidea: - Dermestidae

3.	Lectures and Practicals of Storage Pests: **Identification of some species in Dermestidae (as a storage pests) by morphological characters using identification key** **Instructure:** **Mr. Matsumoto** **(Yokohama Plant Protection Station)** Date: 14 November 2018	Some identified specimens of different species were given for practicals. These are: • *Anthrenus verbasci*, • *Attagenus* sp., • *Dermestes ater*, • *Dermestes frischii*, • *Dermestes haemorrhoidalis*, • *Dermestes maculatus*, • *Trogoderma glabrum*, • *Trogoderma granarium*, • *Trogoderma variabile*, and • *Trogoderma varium*.
4.	Lectures and Practicals of Storage Pests: **Identification of larvae Lepidoptera (as a storage pests) by morphological characters using identification key** **Instructure:** **Mr. Higo Yuichi** **(Yokohama Plant Protection Station)** Date: 15 November 2018	Lectures and practicals consist of: 1. Basic knowledge regarding morphological characteristics of Lepidoptera larvae; and 2. Identification of larva of Lepidoptera (as storage pests). **Basic knowledge on the morphological characters of weevils:** These are some identified specimens of larvae of Lepidoptera, consist of: • *Helicoverpa armigera* (Lepidoptera: Noctuidae), • Larvae of family Heliothinae, and • *Carposina sasakii* (Lepidoptera: Carposinidae). **Identification of larva of Lepidoptera (as storage pests)** These are some identified species of larvae Lepidoptera, consist of: • *Plodia interpunctela*, • *Corcyra cephalonica*, • *Cadra cautella*, • *Cydia pomonella*, • *Ephestia kuehniella*, • *Pyralis farinalis*, • *Sitotroga cerealella*, • *Paralipsa gularis*, and • *Helicoverpa armigera*.
5.	Lectures and Practicals on Storage Pests: **Identification of Imago Lepidoptera (as a storage pests) by morphological characters using identification key**	Lectures and practicals consist of: 1. Basic knowledge regarding morphological characteristics of imago Lepidoptera; and 2. Identification of imago Lepidoptera (as storage pests) by genitalia characters.

	Instructure: **Mr. Higo Yuichi** **(Yokohama Plant Protection Station)** Date: 16 November 2018	**Basic knowledge of morphological characters** These are some identified specimens of imago Lepidoptera, consist of: • *Helicoverpa armigera* (Lepidoptera: Noctuidae) male and female, and • *Spodoptera litura* (Lepidoptera: Noctuidae) male and female. **Identification of imago Lepidoptera (as storage pests) by genitalia characters** These are some identified species of larvae Lepidoptera, consist of: • *Corcyra cephalonica* (male and female), • *Plodia interpunctella* (male and female), • *Sitotroga cerealella* (male and female), and • *Ephestia kuehniella* (male and female).

3. Activities conducted by participants at Kobe Plant Protection Station

No.	Activity	Brief Summary
1.	Briefing and orientation **Instructure:** **Mr. Tatsuo Matsuda (Kobe Plant Protection Station)** Date: 19 November 2018	Briefing and orientation divided into: 1. Overview of Ministry of Agriculture, Forestry and Fisheries - Kobe Plant Protection Station (structure of organization, inspection areas in Kobe Port, and plant quarantine procedures) 2. Introduction of Kobe Plant Protection Station (structure of organization, facilities, human resources, laboratory management, etc.)
2.	Lectures and Practicals of Storage Pests: **Identification of Darkling Beetles** **Instructure:** **Mr. Tatsuo Matsuda (Kobe Plant Protection Station)** Date: 19 November 2018	These are some identified species, consist of: • *Alphitophagus bifasciatus,* • *Tribolium confusum,* • *Tribolium destructor,* • *Tribolium castaneum,* • *Tribolium madens,* • *Tenebrio molitor,* • *Tenebrio obscutus,* • *Palembus dermestoides,* • *Alphitobius diaperinus,* • *Alphitobius laevigatus,* • *Palorus ratzeburgi,* and • *Palorus cerylonoides*.

3.	Lectures and Practicals of Storage Pests: **Identification of Darkling Beetles and Seed Beetles** **Instructure:** **Mr. Tatsuo Matsuda (Kobe Plant Protection Station)** Date: 20 November 2018	These are some identified species, consist of: **Darkling Beetles** • *Gnathocerus cornutus,* • *Gnathocerus maxillosus,* and • *Latheticus oryzae*. **Seed Beetles** • *Caryedon serratus,* and • *Zabrotes subfasciatus.*
4.	Field visit to **Kamigumi Co., Ltd. In Port Island** **Instructure:** **Mr. Tatsuo Matsuda & Staff of Kobe Plant Protection Station** Date: 20 November 2018	• Kamigumi Co., Ltd. is a company that was at the outset engaged in port cargo unloading and transportation, Kamigumi steadily expanded its field of operations to include such activities as warehouse storage, overland transport and heavy cargo transportation. • Kamigumi Co., Ltd. is made up of some divisions, including Vegetable & Fruits Division which handles vegetable and fruits importation from trading partner countries, for example banana from Philippines, kiwi from New Zealand, etc. • Participants had the opportunity to see quarantine officers inspect the banana fruits imported from Philippines and kiwi fruits from New Zealand, especially to detect storage product insects.
5.	Field visit to Visit to Silo at **Showa Sangyo Company** **Instructure:** **Mr. Tatsuo Matsuda & Staff of Kobe Plant Protection Station** Date: 20 November 2018	• Showa Sangyo Company is company with business scopes such as: household foods, animal feed, flour milling, etc. • There are 4 (four) main grain commodities handled by this company: rice, soybean, wheat, and canola. • Participants had the opportunity to see the silo area and get information of how the quarantine officer works to take samples in the field, especially to detect storage product insects.
6.	Lecture and Practical of Storage Pests: **Identification of Seed Beetles** **Instructure:** **Mr. Tatsuo Matsuda (Kobe Plant Protection Station)** Date: 21 November 2018	These are some identified species, consist of: • *Acanthoscelides obtectus,* • *Bruchus pisorum,* • *Callosobruchus chinensis,* and • *Callosobruchus maculatus*.

4. Laboratory activities and studies conducted by participants during the training at Tsukuba

No.	Activity	Brief Summary
1.	Visit to Tsukuba Agriculture Research Hall **Guide:** • **Staff of Tsukuba Agriculture Research Hall** • **Staff of NODAI** Date: 26 November 2018	• Tsukuba Agriculture Research Hall showcases the research work in agriculture, forestry and fisheries that is carried out by National Research and Development Agency, including the National Agriculture and Food Research Organization (NARO). • Participants got more information about the importance of food and agricultural research in Japan through exhibition panels and also display of the many tools that have been used during the history of Japanese agriculture.
2.	Orientation of Tsukuba Center of Yokohama Plant Protection Station Laboratories **Instructure (Yokohama Plant Protection Station Laboratories): Mr. Shuichi Uchiyama** Date: 27 November 2018	Orientation divided into: 1. Presentation of: • Overview of Tsukuba Center of Yokohama Plant Protection, and • Post entry quarantine activities 2. Visit to post entry quarantine facilities (laboratories, green house, etc.).
3.	Visit to Tsukuba Botanical Garden **Guide:** **Ms. Kaori Iwasawa (Plant Protection Division, MAFF)** Date: 27 November 2018	• Tsukuba Botanical Garden is major botanical garden broadly about 14 hectares located in Tsukuba, Ibaraki Prefecture in Japan. As a research branch of the National Museum of Nature and Science, the garden is one of Japan's foremost botanical research facilities and provides public education. It currently contains of domestic and exotic plants from temperate and tropical regions around the world. • Participants got more information about the collections of the garden, including: domestic and exotic plants, temperate coniferous, warm-temperate deciduous broad-leaved, cool-temperate deciduous broad-leaved, aquatic plants, etc.
4.	Orientation of Food Entomology Laboratory in NARO **Instructure (Food Entomology Laboratory in NARO): Dr. Akihiro Miyanohista** Date: 28 November 2018	Orientation divided into: 1. Overview of National Agricultural and Food Research Organization (NARO) especially Food Entomology Unit on Division of Food Safety, and 2. Visiting Food Entomology Unit on Division of Food Safety facilities (laboratories).

5.	Orientation of Entomology Laboratory in Nissan Chemical Company **Instructure (Nissan Chemical Company):** **Staff of the company** Date: 29 November 2018	Orientation divided into: 1. Presentation of overview of Nissan Chemical Company, and 2. Sightseeing laboratories, green house, experiments field, etc.
6.	Visit to ANA Fresh Food Company **Instructure:** • **Prof. Keiko Natsuaki (NODAI)** • **Staff of ANA Fresh Food Company** Date: 30 November 2018	• ANA Fresh Food Company is a company that have some business scopes, these are: fresh food business, processed food, food export, etc. The main imported fruits handled by this company: bananas from the Philippines and bananas from Ecuador. • Participants had the opportunity to see the processing of fresh banana including rippening step and packaging.

5. The activities at Tokyo University of Agriculture (NODAI) - Atsugi Campus

No.	Activity	Result
1.	Introduction of entomology laboratory and its facilities **Instructure (NODAI):** **1. Hiroaki Kojima, Ph.D.** **2. Tadashi Ishikawa, Ph.D.** Date: 3 December 2018	• Participants got more information of Laboratory Entomology at Tokyo University of Agriculture (NODAI) - Atsugi Campus. • Participants also have an introduction to the laboratory facilities in Tokyo University of Agriculture (NODAI) - Atsugi Campus, such as: room, tools, Scanning Electron Microscope (SEM), book/journals collections related to storage pest insects, etc.
2.	Introduction insect pest specimen collections **Instructure:** **Hiroaki Kojima, Ph.D. (NODAI)** Date: 3 December 2018	Participants received information on insect pest specimen collection at Tokyo University of Agriculture (NODAI) - Atsugi Campus. These specimens were collected from some activities: survey in the field, interception at the port, etc.
3.	Lecture and practicals of weevils systematic and classification: **Identification of some families and sub families in Coleoptera (as a storage pests and field pests) by morphological characters using identification key** **Instructure:**	Participants practicals to identify some insect specimens from Borneo Island. These are some identified weevil insects, consists of: • Family Anthribidae • Family Attelabidae • Family Rynchytidae • Family Dryophthoridae • Family Apionidae

	Hiroaki Kojima, Ph.D. (NODAI) Date: 4 December 2018	• Family Nanophyidae • Family Brachyceridae • Family Curculionidae: - Sub Family Entiminae - Sub Family Orobitidinae - Sub Family Ceutorhynchinae - Sub Family Curculioninae - Sub Family Conoderinae - Sub Family Baridinae - Sub Family Lixinae - Sub Family Cossoninae - Sub Family Erirhininae - Sub Family Molytinae - Sub Family Cryptorhynchinae
4.	Visit to pest control company (Fuji Flavour, Co. Ltd.) **Instructure:** **Staff of Fuji Flavour, Co., Ltd.** Date: 5 December 2018	• Fuji Flavour, Co. Ltd. is a company that have two main business scopes, they are: flavor development and insect pest monitoring (Ecomone). • There are some products of this company which function in monitoring of stored product insects and agricultural insects, such as: New Serrico, Gachon, and Torios. • Participants had the opportunity to get information related to company profile including its products, manufacturing line, research and development are, etc. • Participants also presented the material related to introduction and summary of the attachment program (background of training, theme, focus on weevil storage pests, etc.) • There was some discussion between the participants and the company.
5.	Lecture and practical on weevils systematic and classification: **Identification of some families and sub families in Coleoptera (as a storage pests and field pests) by morphological characters using identification key** **Instructure:** **Hiroaki Kojima, Ph.D.** (NODAI) Date: 6 December 2018	Participants practicals to identify some insect specimens from Borneo Island. These are some identified weevil insects, consists of: • Family Anthribidae • Family Attelabidae • Family Rynchytidae • Family Dryophthoridae • Family Apionidae • Family Nanophyidae • Family Brachyceridae • Family Curculionidae: - Sub Family Entiminae - Sub Family Orobitidinae - Sub Family Ceutorhynchinae - Sub Family Curculioninae

		- Sub Family Conoderinae - Sub Family Baridinae - Sub Family Lixinae - Sub Family Cossoninae - Sub Family Erirhininae - Sub Family Molytinae - Sub Family Cryptorhynchinae
6.	Lecture and practical on weevils systematic and classification: **Identification of some families and sub families in Coleoptera (as a storage pests and field pests) by morphological characters using identification key** **Instructure:** **Hiroaki Kojima, Ph.D.** (NODAI) Date: 7 December 2018	Participants practicals to identify some insect specimens from Borneo Island. There are some identified weevil insects, consists of: • Family Anthribidae • Family Attelabidae • Family Rynchytidae • Family Dryophthoridae • Family Apionidae • Family Nanophyidae • Family Brachyceridae • Family Curculionidae: - Sub Family Entiminae - Sub Family Orobitidinae - Sub Family Ceutorhynchinae - Sub Family Curculioninae - Sub Family Conoderinae - Sub Family Baridinae - Sub Family Lixinae - Sub Family Cossoninae - Sub Family Erirhininae - Sub Family Molytinae - Sub Family Cryptorhynchinae
7.	Listing of storage product insects in Japan **Instructure:** **Hiroaki Kojima, Ph.D.** (NODAI) Date: 10 December 2018	• Participants had the opportunity to get information related to list of storage product pests in Japan. • The data sources used is: - Agricultural Insect Pest in Japan [Kenji Umeya, Toshitsugu Okada, Eds.], and - Major Insect and Other Pests of Economic Plants in Japan [The Japanese Society of Applied Entomology and Zoology].
8.	Lecture and practical on weevils systematic and classification: **Identification of some families and sub families in Coleoptera (as a storage pests and field pests) by morphological characters using identification key** **Instructure:**	Participants practicals to identify some insect specimens from Vietnam. There are some identified weevil insects, consists of: • Family Anthribidae • Family Attelabidae • Family Rynchytidae • Family Dryophthoridae • Family Apionidae

	Hiroaki Kojima, Ph.D. (NODAI) Date: 11 December 2018	• Family Nanophyidae • Family Brentidae • Family Brachyceridae • Family Curculionidae: - Sub Family Entiminae - Sub Family Orobitidinae - Sub Family Ceutorhynchinae - Sub Family Curculioninae - Sub Family Conoderinae - Sub Family Baridinae - Sub Family Lixinae - Sub Family Cossoninae - Sub Family Erirhininae - Sub Family Molytinae - Sub Family Cryptorhynchinae
9.	Visit to Kanagawa Prefectural Museum of Natural History **Instructure:** **Staff of Fuji Flavour, Co., Ltd.** Date: 12 December 2018	• Kanagawa Prefectural Museum of Natural History is museum or research facility dedicated to inspiring discovery about the natural world through its exhibitions and education programs. • Participants had the opportunity to get information related to collections about the formation of solar system, history of the Earth, evolution of life, biodiversity, insect specimens, flora and fauna, etc.
10.	Preparation of presentation on training in Atsugi Date: 13 December 2018	Participants had to prepare their presentation on the attachment program in power point.
11.	Presentation on training in Atsugi Date: 14 December 2018	• Participants had the opportunity to convey the presentation material in power point. • The material of presentation consists of: - Introduction of participants - Summary of training in different institutions • This agenda attended by the Staff of NODAI at Atsugi Campus. • There some discussion between the participants and Staff of Atsugi Campus related to training material.

6. Other activities

No.	Activity	Result
1.	Visit to Medicinal Plant Garden attached to Hoshi Pharmaseutical University **Instructure:** **Prof. Natsuaki (NODAI University)**	• Hoshi University is a private university in Shinagawa, Tokyo, Japan, specializing in pharmaceutical sciences. • In this opportunity, participants get an opportunity to visit medicinal plant garden in the university and gathered a lot

	Date: 24 November 2018	of information about the collection of plants (tropical and sub tropical plants). • In this field visit, participants also observed some of insect pests that attack the medicinal plants.
2.	Visit to Meguro Parasitological Museum **Instructure:** **Prof. Natsuaki (NODAI University)** Date: 24 November 2018	• Meguro Parasitological Museum is a small medical museum in the Meguro Ward in central Tokyo, Japan. The museum is devoted to parasites and the science of parasitology. • In this opportunity, participants get a lot information about the collection of parasites including kind of parasites (nematodes, insects, etc.) and its impact to animals and humans through the exhibition and displays.
3.	Other activities: • Travelling around Tokyo City (Shinjuku, Shibuya, Ueno, Meiji Jingu, Senso-ji), • Take a cruise around Yokohama bay, • Visit to Sankeien Garden at Yokohama, • Visit to Kobe Port Tower, etc.	Through these activities, participants got a lot of knowledge regarding to the science and technology development in Japan and indirectly introduce culture and tourism in Japan.

Annex 2

JAIF PROJECT FINAL MEETING *CUM* ASEANET BOARD MEETING

Putrajaya, Malaysia, 26th February 2019

Tentative Agenda

Date & Time	Topics	Moderator
25th February, Monday	Arrival of participants	
26th February, Tuesday		
08.30 am	Registration	
09.00 am	Welcome Address	APHCN-ASEANET
09.15 am	Opening Address	DOA Malaysia
09.30 am	**Session 1:** Summary of Project Implementation • Component 1 – Training & Capacity Building	Chairperson: DOA Malaysia APHCN - ASEANET
09.45 am	• Component 2 - Networking & Institutionalization	APHCN - ASEANET
10.00 am	• Project Component 3 – Management & Coordination	APHCN- ASEANET
10.15 am	**Morning Tea/Coffee**	
10.45 am	Discussion on Project Implementation	All participants of the meeting
11.00 am	Project Monitoring & Evaluation (M&E)	Dr. KY Lum (APHCN-ASEANET)
11.30 am	Discussion on Monitoring & Evaluation	All participants of the meeting
12.00 pm	Update on Project Phase 2	Dr. Soetikno S.S. (APHCN-ASEANET)
12.30 pm	Lunch	
02.00 pm	**Session 2:** Sustainability of APHCN-ASEANET from 2019 & Discussion	Dr. KY Lum (APHCN-ASEANET)
03.00 pm	Other Matters	
03.30 pm	Closing	
04.00 pm	**Afternoon Tea/Coffee**	
27th February, Wednesday	Departure of Participants	

AGF/CRO/11/007/REG	DATE: 10TH JANUARY 2019

JAIF PROJECT PROGRESS REPORT

PROJECT TITLE:	**Taxonomic capacity building to support market access for agricultural trade in the ASEAN region**	
PROJECT PROGRESS REPORT:	☐ 1st ☐ 2nd ☐ 4th ☐ 5th ☐ 6th ☐ 7th ☐ 8th XXX	
PROJECT START AND END DATES	From: MAY 2015	To: MARCH 2019
PERIOD COVERED BY THIS REPORT:	From: 1 JULY 2018	To: 31 DECEMBER 2018
IMPLEMENTING AGENCY:	ASEAN Plant Health Cooperation Network (APHCN) - ASEANET	
CONTACT PERSONS:	Names: DR LUM KENG YEANG (Chairperson & Project Manager) & DR SOETIKNO S. SASTROUTOMO (Technical Secretary) Tel: +60-3-8943-2921 Fax: +60-3-8942-6490 E-mail: ky.lum@cabi.org AND s.soetikno@cabi.org	

OVERVIEW:

Briefly describe: (i) the objective of the project; (ii) progress in project implementation to date; (iii) any particular issues faced and/or results achieved during this reporting period.

(i) **Overall objective:**
The project will develop and strengthen capacities in taxonomic knowledge to identify and manage quarantine risks associated with agricultural commodities and to accurately diagnose pests and diseases among the ASEAN Member States (AMS).

Intermediate objective: To increase taxonomic capacity of scientists/officers from AMS in 3 groups of insect pests and diseases, i.e. in plant viruses, aphids and leaf miners of agricultural importance.

(ii) Progress till DECEMBER 2018:

The Attachment Program on Diagnostics of Weevils of Quarantine Importance was held from 7th November to 19th December 2018 with Prof. Keiko Natsuaki from Tokyo University of Agriculture as the Coordinator. The objectives of the attachment program are:

a. To transfer skills and knowledge of weevil experts specifically Japanese experts to participants so as to increase their capacity, experience, and knowledge in the diagnostics of pests and taxonomic identification and also to learn techniques in identification;
b. To strengthen diagnostic capacity by providing participants with practical understanding of the concept of weevils, their identification and current management practices; and
c. To tap these trained participants who have undergone more intensive technical training to subsequently serve as potential ASEAN resource persons on the identification of weevils using their gained expertise to the benefit of all ASEAN member states and the ASEAN Diagnostic Network.

Three participants, each from Vietnam, Thailand, and Indonesia have participated in the attachment program.

(iii) **Results:**

The following outputs have been achieved:

1. Updated Project Website (http://aseanet.org/JAIF1.asp)
2. Attachment Program on Diagnostics of Weevils of Quarantine Importance in Japan
3. Revised proposal for JAIF Phase 2 Project submitted on 22nd December 2018

PART A: PROGRESS & RESULTS

A. PROGRESS & ACHIEVEMENTS:

Describe progress in implementation during this reporting period, including key outputs/outcomes, based on the approved project document.

1. Attachment Program on Diagnostics of Weevils of Quarantine Importance

The revised proposal has been approved by the Japanese Government through ASEAN Secretariat on 9th August 2018. The attachment program has been implemented from 7 November to 19 December 12018 with three participants, one each from Vietnam, Thailand, and Indonesia. During the 1.5-month program, they were attached and worked in several laboratories in Japan, i.e. Tokyo University of Agriculture (NODAI) Setagaya and Atsugi campuses, and Tsukuba Post-entry Quarantine Centre, Yokohama Plant Protection Research Centre and Kobe Plant Protection Station, all under the Ministry of Agriculture, Forestry and Fisheries (MAFF) Japan. The program of the attachment consisted of 3 (three) activities related to weevils of quarantine important, they were: lectures, laboratory practices, and field trip, and these divided into 5 (five) locations, i.e., Tokyo University of Agriculture/NODAI - Setagaya Campus, Yokohama Plant Protection Station, Kobe Plant Protection Station, Tsukuba Center of Yokohama Plant Protection Station, and Tokyo University of Agriculture (NODAI) - Atsugi Campus. Table below showed the time table in each location.

No.	Location	Time
1.	Tokyo University of Agriculture/NODAI - Setagaya Campus	7-11 November 2018 17-18 December 2018
2.	Yokohama Plant Protection Station	12-16 November 2018
3.	Kobe Plant Protection Station	19-21 November 2018
4.	Tsukuba	26-30 November 2018
5.	Tokyo University of Agriculture (NODAI) - Atsugi Campus	3-14 December 2018

The daily program in each location is given in the **Annex 1.**

The report of the attachment program is still being prepared as the participants was given a month to prepare their report after their departure from Tokyo on 20th December 2018.

2. Final Project Meeting:

This proposed Final Project Meeting be organized in late February 2019 and will be participated by the JAIF Project Steering Committee members (one officer each from Malaysia, Indonesia, Philippines, Singapore, Thailand and Vietnam) and in addition senior officers from the NPPOs (National Plant Protection Office) of Brunei Darussalam, Cambodia, Myanmar and Laos. The objectives of the meeting are:

a) To present the summary of all JAIF project activities to the SC and other ASEAN country participants,

b) To finalize in detail the contents of the final project report,

c) To discuss and finalize the financial report,

d) To brief, discuss and follow-up on the Phase 2 of the JAIF project, and

e) To discuss on the sustainability of ASEANET-APHCN after 2019.

The tentative agenda of the meeting is given as **Annex 2.**

B. TIMEFRAME AND BUDGETING

Explain whether the project is on-track with regard to: (i) the budget; and (ii) the original timeframe. If either the expenditures and/or timeframe are off-track, please explain and describe the corrective actions being taken.

_____

Approval for Project Extension: Project implementation is behind schedule, as a result of the delay in the implementation of one activity of the Component 1-1: Attachment Program on Diagnostics of Weevils of Quarantine Importance which started only in November 2018. Therefore, request for another project extension with no cost has been submitted to JAIF Management Team through the ASEAN Secretariat in June 2018. In 9th August 2018 we received a letter from the ASEAN Secretariat that our request for Project extension until March 31, 2019 has been approved by the Japanese Government.

Project Budget

Budget expenditure during this reporting period was only **US$ 76,625.17**(**Annex 3**).

C. OTHER IMPLEMENTATION ISSUES

Describe any significant changes to the project design, context or partners during the reporting period, or any other issues faced, and actions that are being taken in response, if appropriate.

D. OTHER COMMENTS:

Please provide any other relevant information or observations on the project, e.g. on lessons learned, particular challenges or issues that may arise in the next reporting period, changes to the logframe, etc.

Proposal for JAIF Phase 2 Project

The 3rd revision of the Phase 2 proposal has been prepared with 2 (two) training workshops and 1 (one) attachment program in Japan, i.e. on:

a). Training workshop on Diagnostic of Plant Parasitic Nematodes to be held in Indonesia with a Japanese resource person, Dr. Prof. Dr. Hideaki Iwahori from Department of Bioresource Sciences, Faculty of Agriculture, Ryukoku University, Otsu, Shiga 520-2194, Japan.

b). Training workshop on Diagnostics of Begomovirus and the Use of LAMP-PCR to be held in the Philippines with a Japanese resource person, Prof. Dr. Masashi Ugaki from Laboratory of Bioresource Technology, Department of Integrated Biosciences, Graduate School of Frontier Science, The University of Tokyo, Kashiwa-shi, Chiba-ken 277-8561, Japan.

c). Attachment program on Diagnostic of Plant Parasitic Nematodes to be held at the Department of Bioresource Sciences, Faculty of Agriculture, Ryukoku University, Otsu, Shiga 520-2194, Japan under the supervision of Prof. H. Iwahori.

The total budget for JAIF Phase 2 Project for one year has been further reduced now to only **US$ 374,867.00**

The revised proposal under new format of ASEAN Project has been submitted to ASEC and JAIF Management Team on 8th January 2019 for their funding consideration and approval (see **Annex 4).**

Provide a list of key documents (e.g. mission reports, training materials, workshop reports, etc.) produced during this reporting period. Copies of the final versions of these documents should be attached to this report.

==========

1. Daily Program for the Attachment on Diagnostics of Weevils of Quarantine Importance in Japan
2. Tentative Agenda of the JAIF Final Project Meeting.
3. Financial Report from 1 July to 31 December 2018
4. Revised proposal for JAIF Phase 2 Project submitted on 9th January 2018

E: FINANCIAL OVERVIEW (SEE ANNEX 3)

	JAIF	In kind / Other	Total
Total project budget (US$)	892,354.10	0	892,354.10
Total amount received to date (US$)	847,736.40	0	847,736.40
Total expenditure during the reporting period*	76,625.17	0	76,625.17
Total expenditure to date (US$)	732,108.85	0	732,108.85
Unspent/(Overspent) funds (US$)	160,245.24	0	160,245.24

*Please submit a separate financial statement with a more detailed description of expenditures during the reporting period, based on the approved project budget and planned outputs/activities.