

By Japan Fund for Global Environment

“2015 the Brazilian Atlantic coastal forest (Mata Atlântica) conservation promotion project
by small farmers spread of agroforestry with Jussara-Palm(*Euterpe edulis*) and other crops”

Joint project meeting dispatch Activity Report

1. Dispatch period : August 23, 2015 (Sun) - September 3 (Thursday)
2. Dispatch committee : Yoshikazu Onose (VERSTA's Managing Director • Ph.D.)
3. Field survey & Courtesy call :

1) August 25 (Tue.) 11:00 to 12:30 **TV-Band**(São Paulo City, State of São Paulo)

Attendee: (TV-BAND) President's secretary Neusa Kakinoki, Development Director Edson Masao Kikuchi
(VERSTA) Dr. Yoshikazu Onose (Counterpart) Dr. Guenji Yomazoe

Proceedings :

- (1) About VERSTA activities (Onose)
 - This year, we will cultivate Jussara palm AF in Rio-Preto village + Hapoza village. As a result, the farmers of our PJ becomes 15 farmers, we want to expand to a total of 1.5ha.
 - Because this year's joint project meeting will held in the Seta Barras's Bunkyo Hall same as the previous year at Aug28 (Fri) 9:00 to 15:00, welcome the news recording of TV-BAND.
- (2) About Jussara palm cultivation (Neusa)
 - Since Jussara palm are growing also on the president Johnny's farm of TV-BAND, next year we hope you will visit the farm.
- (3) About introduction of NHK Brazil staff (Neusa)
 - We received a chief correspondent Mr. Fujimoto Masaya and staff Mr. Akiba Yoshiyuki's introduction, who was transferred to Brazil bureau from NHK US bureau.

2) August 25 (Tue.) 15:00 to 16:00 **Ministério da Agricultura, Pecuária e Abasteciment** (São Paulo City, State of São Paulo)

Attendee : (Ministério da Agricultura) Augusto Luís Billi, Marcelo S. Laurino, Chago
(VERSTA) Dr. Yoshikazu Onose (Counterpart) Dr. Guenji Yomazoe Dr. Noriko Tanaka

P1. At Ministério da Agricultura



【Survey results】

(1) About Jussara palm fruit food certification (Augusto)

- About Jussara palm fruit food certification, as a result of a company food of Rio de Janeiro has applied for as "Juasai", have been domestic certification.
- In Brazil, by food factories to apply for food certification, domestic sales can be freely.
- The problem is a test item in the customs clearance of the importing country.

(2) About Jusara palm (Augusto)

- Jussara palm has been designated as an endangered species, but the fruit use is permitted.
- Jussara palm has been cultivated in the southern state of Sao Paulo and the rear Grande do Sul (Marcelo)

(2) About export form of Jusara palm (Augusto)

- Export form of Jussara palm become frozen similarly acai. There is also a method to cobalt irradiation for corrosion prevention, but not recommended.

(3) About Jussara palm component analysis (Marcelo)

- Reid Jusara has announced the components of the Jussara palm.

(4) About ANVISA's Regulations (Augusto)

- At the ANVISA's Regulations, Jussara palm + other fruit mixed food needs to take the ANVISA certification. However, Jussara palm fruit concentrated product does not need to take the ANVISA certification.

3) August 26 (Wed.) 09:00 to 11:00 and 17:30 to 18:30 **Cambuci Seminar** (Location:SESI of Mogi das Cruzes)

Attendee : About 200 people

(VERSTA) Dr.Yoshikazu Onose (Counterpart) Dr.Guenji Yomazoe Dr.Noriko Tanaka

P2.Lecture of about Combuci	P3. Speakers of Opening table	P4. Attendees of seminar venue
		

【Lectures】

09:00~09:45 Opening table

- (1) Ondalva Serrano-Agrônoma e Conselheira do Instituto AUÁ
- (2) Marina Merlo Sampaio de Campos-Bióloga especialista em Gestão Ambiental, Mestre em Biodiversidade Vegetal e Meio Ambiente-TNC
- (3) Luis Eduardo Vasconcelos Camargo-Gester Social do Instituto ATÁ

09:45~10:15 Apresentação Rota do Combuci e o Arranjo Produtivo Sustentável







- (4) Gabriel Menzes-Coordenador Geral da Rota do Combuci- Instituto AUÁ
- (5) Hamilton Trajano-Gestor do Arranjo Produtivo Sustentável do Combuci- Instituto AUÁ

10:30~11:15 Aspectos Práticos e Teóricos da Produção de Mudas Nativas

- (6) Cláudia Mascagni Vigilato Prudente-Mastre em Agronomia pela UNESP e Bióloga da ONG Capivari-Monos

4) August 26 (Wed.) 12:00 to 15:00 **Neblinas Forest Park** (Mogi das Cruzes City Atlantic coast)

Attendee : (Forest Park) Staff Miss.Juliana Coutinho, Miss.Renato Ternch Fonsela, Mr.Michele Martins (VERSTA) Dr.Yoshikazu Onose (Counterpart) Dr.Guenji Yomazoe Dr.Noriko Tanaka

P5. Guesthouse Exterior	P6. Guesthouse Interior	P7. Guesthouse dining room
		
P8. Raising seedling fields and park staff	P9. Forest Park within the observation suspension bridge	P10. In front of the Guesthouse in the forest park
		

【Survey results】

(1) About Neblinas Forest Park (Miss Coutinho)

- In this forest park of the owner is a paper company Suzano, have planted eucalyptus as pulp material did on logging of natural forests. For this reason, the company creates a natural Forest Park, has been implementing a nature education and environmental education in cooperation with local communities.
- There is a workshop that Jussara palm stewardship program in the forest park. Jussara were seeded palm seeds 5 million or more, but had a higher growth rate of saplings planting than seeding planting.
- In the forest park, the tour course has been set, so that people can tour the state of the natural forest from up and down while crossing the suspension bridge.
- Neblinas Forest Park was started 12 years ago, the staff have been adopted from the biology department graduate of the University.

(2) About Guesthouse in the park (Miss Coutinho)

- Guesthouse visitors is often leaders of a natural education and an environmental education.
- Chair, etc. of seminar room and dining room and out of the guest house, are often due to the design by the staff.
- This year, the construction of 30 people the scale of accommodation in Forest Park are scheduled.

(3) About ISO14001 obtaining (Fonsela)

- Although Neblinas Forest Park does not acquire ISO14001, Suzano has acquired as a headquarters of the Forest Park.

5) August 27 (Thu.) 10:00 to 12:00 Governo do Estado de Sao Paulo Instituto Florestal (IF)、Reserva da Biosfera da Mata Atlântica (RBMA)

Attendee : (IF) Coordenador Cientifico Dr.Edgar Fernando de Luca, Diretor de desenvolvimento florestal Dr.Marcelo Zanata, (RBMA) Secretario Executivo do Reserva da RBMA Mr.Luis Alberto Bucci (VERSTA) Dr.Yoshikazu Onose (Counterpart) Dr.Guenji Yomazoe Dr.Noriko Tanaka

P11. Meeting with Mr.Buch of RBMA	P12. Hand over souvenir to Executivo Buch of RBMA	P13. Commemorative photo with President Luca of IF
		

【Exchange of opinions】

(1) About Mata Atlântica (Executivo Bucci)

- Mata Atlântica is a tropical rainforest zone across the 17 states to the northern Ceará from southern Brazil Rio Grande do Sul.
- In Brazil, as rainforest conservation solutions, it is to promote the reforestation of 20% of the forest.
- Reforestation goal of Mata Atlântica is 160,000 ha.

(2) About satellite monitoring of Mata Atlântica (President Luca)

- Environment police can not keep up because there are many Parumitto illegal loggers in Mata Atlântica. In particular, it requires many countermeasures Parumitto illegal loggers in Minas Juraisu State and Piau~i State.

(3) Mata Atlântica origin certification (Executivo Bucci)

- We started the origin certification system of Mata Atlântica production in RBMA.
- Its origin certification items are such as fruit, crops, wood are wide-ranging.

(4) About Pau Brazil (Diretor Zanata)







- Pau Brazil initially, dyed material of dyed goods, has been logging as for the letter of the envelope.
- Last year, we were met with master craftsman Mr.LAMBARDY stringed instrument bow using Pau Brazil. At that time, we have been described Pau Brazil conservation activities VERSTA. As a result, it was reported that he expressed to the effect to cooperate towards the Pau Brasil conservation charity

concert held by the Japan-Brazil musician. (Dr.Onose)

6) August 27 (Thu.) 16:00 to 17:00 **Jamra açaí** (Miracatu)

Attendee : (Jamre açaí) Director de Produção Cristiano Abujamra

(VERSTA) Dr.Yoshikazu Onose (Counterpart) Dr.Guenji Yomazoe Dr.Noriko Tanaka

P14. Açã seeds	P15. Açã processing equipment in the factory	P16. Açã fruit concentrator
		
P17. Açã fruit concentrated product package	P18. Açã fruit concentrated product frozen car	P19. Commemorative photo in front of Jamre açai
		

【 Survey results】

(1) About Açã cultivation processing (Director Cristiano)

- This factory is the only Açã processing plant in Sao Paulo State.
- Last year, it acquired the factory was renovated it to the Açã processing factory.
- Harvest of Açã in the June-September, the plant operate 24 hours a day in its peak.

(2) About the shipping destination of Açã processed products (Director Cristiano)

- Açã processed products of the shipping destination is Brazil.
- A sample of the Açã fruit concentrated product also to Japan were exported but it did not work.

(3) About Jussara palm fruit processing (Director Cristiano)

- If it is brought to the factory together is Jussara palm fruit, processing is available.

7) August 28 (Fri.) 09:00 to 14:00 **Juvsara palm AF promote joint project meeting**

Attendee : 【Japanese side】 (VERSTA) Dr.Yoshikazu Onose

【Brazil side】




Camara Municipal de Sete Barras Vereador Joi Eduardo Ribeiro

Rio Preto small farmer leader Geraldo F. Aguiar

UFSCar Professor Dr.Fernando Franco Associate professor Suzana Alvares

Former JICA expert instructor Kunio Nagai
 Sete Barras City agriculture instructor Mario Terashima
 Sociedade Brasileira de Cultura Japonesa e de Assistencia Social
 Presidente da Comissao de Premio Kiyoshi Yamamoto Dr.Guenji Yamazoe
 Comissao de Premio Kiyoshi Yamamoto Dr.Noriko Tanaka

(Total of 33 people including the other)

P20. Lecture by Prof. Franco	P21. Lecture by Dr.Onose	P22. Commemorative photo in front of the venue
		




【Lecture】

- (1) About Jussara palm AF in Rio Preto (Geraldo F. Aguiar)
- (2) About the project in Guapirubu (Gilberto Ohta)
- (3) About Jussara palm AF follow-up guidance in Rio Preto (UFSCar Prof. Dr.Fernanndo Franco)
- (4) About Jussara palm AF guidance achievements in Rio Preto (UFSCar Asso.Prof. Suzana Alvares)
- (5) About 2014-2016VERSTA Jussara palm AF Promotion Plan and 2015 Action Plan (Dr.Y.Onose)
- (6) About the potential of tourism in Sete Barras (Sete Barras Tourism staff Sheila Mendes)
- (7) About ecological projects of Carlos Botelho Forest Park (Manasa Inst. Dr.Beatriz Beisigell)




8) August 28 (Fri.) 15:00 to 18:00 Sete Barras City Rapoza village farmer field

Participant : 15 people


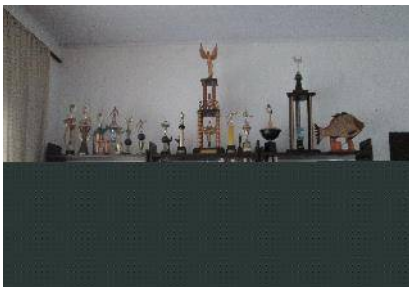

- (1) Yoshimitsu Matsuo's field(26ha)

P23. Jussara palm forest	P24. Green tea cultivation field	P25. Commemorative photo in front of Matsuo's house
		

(2) Hiroshi Murasawa's field (150ha)

P26. Garage made of Pillars Bamboo	P27. Dense planting field of bamboo	P28. Jussara palm in bamboo forest
		

(3) Kazutoshi Yamamaru's field (60ha)

P29. Yamamaru house entrance	P30. Yamamaru's winning trophy	P31. commemorative photo in front of Nikkei meeting place
		

9) August 29 (Sat) 07:00 to 08:00 **Jussara palm cultivation AF Manual review meetings** (At LitoHotel)

Attendee : **【Japanese side】** (VERSTA) Dr.Yosikazu Onose

【Brazil side】

UFSCar Professor Dr.Fernando Franco Associate professor Suzana Alvares

Former JICA expert instructor Kunio Nagai

Sete Barras City agriculture instructor Mario Terashima

Sociedade Brasileira de Cultura Japonesa e de Assistencia Social

Presidente da Comissao de Premio Kiyoshi Yamamoto Dr.Guenji Yamazoe

Comissao de Premio Kiyoshi Yamamoto Dr.Noriko Tanaka

【Discussions results】

(1) About Jussara palm AF cultivation manual configuration plan

- I want to put manual entry what is the AF, AF model, devastated situation of Mata Atoranchika, soil analysis and fertilizer making, legal preservation areas and legal regulations and AF. (Prof.Franco)
- I want to put the self-sufficiency amount of contributions and balance simulation by the biomass calculation + agricultural economy calculation of AF. (Dr.Onose)
- I want to put the advantages of diversity farming is against the monoculture farming. (Asis. Prof.Alvares)

- I want to put some of the case as a case study. (Prof.Franco)
- I want to also put component analysis of AF fruit. Therefore, next year I want involving the State University of Campinas as collaborators. (Dr.Onose)

(3)About budget

- I want to consider the calibration cost. (Prof.Franco)
- Manual production budget will be used to grant applications to the next fiscal year. (Dr.Onose)

(3)About manual document

- Manual document may be completed by the end of next fiscal year. (Dr.Onose)
- The extensive use of illustrations in order to have read the manual small farmers, it should be considered so that it can be mobile at all times in consideration of the size and volume. (Prof.Franco)
- Manual document will complete in up to December 2016, publication aims to up to March 2017.

10) August 29 (Sat) 10:00 to 15:00 Sete Barras City Rio Preto village of small farmers technology exchange meetings+Local field survey

Attendee : 【Japanese side】 (VERSTA) Dr.Yoshikazu Onose

【Brazil side】

Camara Municipal de Sete Barras Vereador Joi Eduardo Ribeiro

Rio Preto small farmer leader Geraldo F. Aguiar

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(Total of 17 people including the other)

(1) Technology exchange meeting in Mr. Aguiar's Field+Local field survey

P32. Technology exchange meetings in front of Mr. Aguiar home	P33. The Jussara palm AF signboard in Mr.Aguiar's Field	P34. Commemoration photo in Mr.Aguiar's field
		

【Exchange opinions】 (Q : Question A : Answer S : Advice I : Provision information)

I : We perform an organic product exhibition in every Wednesday at UFSCar, AF products of Rio Preto is also OK. If possible, form of processed products such as jam is good. (Prof. Franco)




Q: Is there a possibility of AF training programs in UFSCar? (Aguilar)

A: There is a possibility, AF training in UFSCar can help the spread of agro-ecology, also becomes propaganda. (Prof. Franco)




A: In order to plan of the AF training programs is also funding problem. (Assis. Prof. Alvares)

I: By performing an AF training for young people, it becomes spreading and promote AF. (Prof. Franco)

(2) Local field survey in Mr. Eloi's Field

P35. Lemon at AF trees between crops	P36. Jussara palm in Mr. Eloi's Field	P37. Jussara palm AF signboard in front of Mr. Eloi's Field
		

(3) Local field survey in Totó's Field

P38. Fertilizer tank purchased in subsidies	P39. Grown AF coffee	P40. Commemorative photo in Mr. Toto's Field
		

4. Discussion

1) About the current state of Rio Preto village Jussara palm AF

• Rio Preto village Jussara palm AF has been promoted by the model field about 1ha of 6 farmers family. Since the participation of young farmers was seen in this time of AF technology exchange meeting, we want to expect the spread of AF cultivation techniques by both follow-up guidance to expand the cultivation area to 2ha this year.

2) About promotion of Rapoza village Jusara palm AF

• Three pairs of small farmers from Rapoza village participated to this AF project meeting. According to field survey of three small farmers field, Mr. Matsuo has experienced Jussara palm cultivation in his field, this year we want to promote the introduction of Jussara palm AF through three small farmers in Rapoza village.

3) About Jussara palm AF cultivation techniques manual

- In Jussara palm AF cultivation techniques manual review meeting, we examined the manual configuration proposal. In the review meeting, it was decided to aim a manual configuration that small farmers can read fun and always put in a pocket. However, in the manual, the definition of AF cultivation, significance, cultivation method, in addition to the management method, balance simulation, and also including such as component analysis, it was decided to also appeal farm management on the meaning of the AF.

4) About media announcement of VERSTA Jussara palm AF Promotion Project

- In Dr. paper of Associate Professor Susana of UFSCar, Rio Preto village Jussara palm AF has been taken up as a sustainable farming methods in the Dr. paper. Now, Associate Professor Susana is creating a DVD for the paper introduction, since the request already TV broadcast of the finished DVD video to the TV-BAND, we want to work on early on-air. And, since the posts offer to Brazil domestic Japanese newspaper, etc. on the progress of this project were asked to counterpart representative Dr. Yamazoe, we want to achieve the article published.

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