

M Fw: Bls: Bls: Reminder mail : Re: X

https://mail.google.com/mail/u/0/#inbox/FMfcgwxChJbtLRqImBKLGXcsMwxdcRQX

Gmail

Telusuri email

5 dari 1.006

Kotak Masuk 359

- Berbintang
- Ditunda
- Terkirim
- Draf 53
- Junk

elsye

Tidak ada chat terbaru
Mulai yang baru

----- Pesan yang Diteruskan -----
Dari: Info ADR Publications <info@adrpublications.in>
Kepada: martini suleman <tinihen65@yahoo.co.id>
Terkirim: Rabu, 13 September 2017 08.49.25 WIB
Judul: Re: Bls: Bls: Reminder mail : Request for the copyright form- ADR Publications

Hi,

Please ask your friend or some near one to make the payment through paypal on your behalf to shalini@adrpublications.in.

Thanks
Shikha

On 13-Sep-2017 2:55 am, "martini suleman" <tinihen65@yahoo.co.id> wrote:
Please give me the complete data for transfer.

I need the name who I can transfer, name the bank, ID code, address so on.

thank you very much for your attention.

regard,

It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!

Refresh Firefox...

M Fw: Bls: Bls: Reminder mail : Re: X

https://mail.google.com/mail/u/0/#inbox/FMfcgwxChJbtLRqImBKLGXcsMwxdcRQX

Gmail

Telusuri email

5 dari 1.006

Kotak Masuk 359

- Berbintang
- Ditunda
- Terkirim
- Draf 53
- Junk

elsye

Tidak ada chat terbaru
Mulai yang baru

Pada Selasa, 12 September 2017 21:08, Info ADR Publications <info@adrpublications.in> menulis:

Dear Martini Suleman,

NO action from your end.

Thanks and regards
Shikha

On Tue, Sep 12, 2017 at 4:45 AM, martini suleman <tinihen65@yahoo.co.id> wrote:
okay,
thank you

Pada Selasa, 12 September 2017 0:29, Info ADR Publications <info@adrpublications.in> menulis:

Please make it quick it's a request else the paper will be delayed till the next issue.

Fw: BIs: BIs: Reminder mail : Re: X

https://mail.google.com/mail/u/0/#inbox/FMfcgwxChJbtLRqImBKLGXcsMwxdcRQX

Gmail

Telusuri email

5 dari 1.006

Tulis

Kotak Masuk 359

Berbintang

Ditunda

Terkirim

Draf 53

Junk

elsye

Tidak ada chat terbaru
Mulai yang baru

On 11-Sep-2017 8:46 pm, "martini suleman" <tinihen65@yahoo.co.id> wrote:
yes, I'm sorry, because my debit card can not detect with pay pal system.

I still find the way to do with the payment.

thank you,

best regard

Pada Senin, 11 September 2017 21:53, Info ADR Publications <info@adrpublications.in> menulis:

The copyright is with us but the payment for the DOI and processing has yet not been received.

Kindly confirm.

Thanking you
Shikha

On Mon, Sep 11, 2017 at 12:14 PM, Info ADR Publications <info@adrpublications.in> wrote:
The payment is yet awaited.

It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!

Refresh Firefox...

Fw: BIs: BIs: Reminder mail : Re: X

https://mail.google.com/mail/u/0/#inbox/FMfcgwxChJbtLRqImBKLGXcsMwxdcRQX

Gmail

Telusuri email

5 dari 1.006

Tulis

Kotak Masuk 359

Berbintang

Ditunda

Terkirim

Draf 53

Junk

elsye

Tidak ada chat terbaru
Mulai yang baru

Kindly confirm so that we may proceed the issue.

Thanks
Shikha

On Sun, Sep 10, 2017 at 8:07 AM, martini suleman <tinihen65@yahoo.co.id> wrote:
Yes Sir/Madame, I will fulfill the requirement for publishing my article.

thak you in advance,

warm Regard,

Martini Soeliman.

Pada Minggu, 10 September 2017 9:31, Info ADR Publications <info@adrpublications.in> menulis:

Sure, early response would be awaited as we need to publish this article in the coming issue of Volume 49.

Thanks
Advanced Research Publications

It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!

Refresh Firefox...

Fw: Bis: Bis: Reminder mail : Re: X

https://mail.google.com/mail/u/0/#inbox/FMfcgwxChJbtLRqImBKLGXcsMwxdcRQX

Gmail

Telusuri email

5 dari 1.006

Advanced Research Publications

On Sun, Sep 10, 2017 at 6:08 AM, martini suleman <tinihen65@yahoo.co.id> wrote:
okay thank you.

I will go to bank tomorrow, and send back the receipt to you.

best regard,
martini soeliman

Pada Sabtu, 9 September 2017 21:13, Info ADR Publications <info@adrpublications.in> menulis:

Pay through Paypal towards the id 'shalini@adrpublications.com' or use

NEFT Details
Bank Name:Bank of India
Bank Location:Indirapuram, Ghaziabad
Account Number:712320110000600
Account Type:Current
Accounts Name:Advanced Research Publications
IFSC:BKID0007123

It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!

Refresh Firefox...

Fw: Bis: Bis: Reminder mail : Re: X

https://mail.google.com/mail/u/0/#inbox/FMfcgwxChJbtLRqImBKLGXcsMwxdcRQX

Gmail

Telusuri email

5 dari 1.006

Address:LG-37, Arora Shoppers Park, Shakti Khand-II, Indirapuram, Ghaziabad-201014, U.P, India

On Sat, Sep 9, 2017 at 7:37 PM, martini suleman <tinihen65@yahoo.co.id> wrote:
Dear,

I fell difficult to pay the fee.
May I transfer through bank office ?

bestregard,
martini

Pada Sabtu, 9 September 2017 18:43, Info ADR Publications <info@adrpublications.in> menulis:

Dear Martini Suleman,

Greetings fro the day

Thanks for the copyright form.
We feel glad to share that your article entitled 'MODIFIED OVITRAP TO CONTROL OF AEDES SP POPULATION IN CENTRAL JAVA INDONESIA' has been accepted for publication in Volume 49, Issue 3, 2017.

Firefox browser window showing a Gmail email. The address bar shows <https://mail.google.com/mail/u/0/#inbox/FMfcgwxChJbtLRqImBKLGXcsMwxdcRQX>. The email content is as follows:

There is a fees of \$99 for the DOI and Processing of the paper.

We also need the orcid is of the corresponding author and email id of all the co-authors if any.

Please feel free to revert for any query or suggestions.

Thanking you
Shikha Tripathi

On Sat, Sep 9, 2017 at 2:01 PM, martini suleman <tinihen65@yahoo.co.id> wrote:
Dear,
herewith, i send copyrigh form for publishing my manuscript.
Please receive that form, and thank you for your attention.
best regard,
martini

Pada Senin, 4 September 2017 12:37, Info ADR Publications <info@adrpublications.in> menulis:

Firefox browser window showing a Gmail email. The address bar shows <https://mail.google.com/mail/u/0/#inbox/FMfcgwxChJbtLRqImBKLGXcsMwxdcRQX>. The email content is as follows:

Dear Author,

At the very outset, Greetings from ADR Publications!

It is a pleasure for us to receive your manuscript entitled **Modified Ovitrap to Control of Aedes sp Population In Central Java Indonesia for Publication in the *Journal of Communicable Diseases* (ISSN: 0019-5138).**

The article is through with the Plagiarism check and has been approved for further processing. We are allowed to initiate once we have the declaration from the authors hence I would humbly request you to kindly sign the attached copyright form and submit to us. If in case the article is rejected for any reason by the Editorial Team then the copyright form will be returned to you.

You need to ensure that your manuscript consists of below items else you need to provide us with the same:

- Title
- Type of the Article
- Authors
- Authors Affiliation
- Corresponding authors name highlighted
- Email id and orcid id of the corresponding author is a mandate
- Keywords
- References
- Figure/ Table/ Graph captions

We humbly request you to send us the copyright form signed by all the authors. The form is attached with the mail for your convenience.

Please feel free to revert for any query or suggestions.

Firefox browser window showing a Gmail inbox. The selected email is from Info ADR Publications to martini.suleman@yahoocoid, dated Saturday, September 9, 2017, 18:43:52 WIB. The subject is 'Re: Reminder mail - Request for the copyright form- ADR Publications'. The email body contains the following text:

--- Pesan yang Diteruskan ---
Dari: Info ADR Publications <info@adrpublications.in>
Kepada: martini.suleman <tinihen65@yahoo.co.id>
Terakhir: Sabtu, 9 September 2017 18.43.52 WIB
Judul: Re: Reminder mail - Request for the copyright form- ADR Publications

Dear Martini Suleman,

Greetings fro the day.

Thanks for the copyright form.
We feel glad to share that your article entitled 'MODIFIED OVI TRAP TO CONTROL OF AEDES SP POPULATION IN CENTRAL JAVA INDONESIA' has been accepted for publication in Volume 49, Issue 3, 2017.
There is a fees of \$99 for the DOI and Processing of the paper.

We also need the orcid is of the corresponding author and email id of all the co-authors if any.

Please feel free to revert for any query or suggestions.

Thanking you
Shikha Tripathi

Firefox browser window showing a Gmail inbox. The selected email is a reply from Info ADR Publications to martini.suleman@yahoocoid, dated Monday, September 4, 2017, 12:37. The subject is 'Info ADR Publications <info@adrpublications.in> menulis:'. The email body contains the following text:

On Sat, Sep 9, 2017 at 2:01 PM, martini.suleman <tinihen65@yahoo.co.id> wrote:
Dear,
herewith, i send copyrigh form for publishing my manuscript.
Please receive that form, and thank you for your attention.
best regard,
martini

Pada Senin, 4 September 2017 12.37, Info ADR Publications <info@adrpublications.in> menulis:
Dear Author,
At the very outset, Greetings from ADR Publications!
It is a pleasure for us to receive your manuscript entitled Modified Ovitrap to Control of Aedes sp Population In Central Java Indonesia for Publication in the *Journal of Communicable Diseases* (ISSN: 0019-5138).
The article is through with the Plagianism check and has been approved for further processing. We are allowed to initiate once we have the declaration from the authors hence I would humbly request you to kindly sign the attached copyright form and submit to us. If in case the article is rejected for any reason by the Editorial Team then the copyright form will be returned to you.
You need to ensure that your manuscript consists of below items else you need to provide us with the same:

Firefox browser window showing a Gmail email. The address bar shows the URL: <https://mail.google.com/mail/u/0/#inbox/FMfcgwxChJbtLRqImBKLGXcsMwxdcRQX>. The email subject is "Fw: Bls: Bls: Reminder mail : Re: X".

The email content includes:

The article is through with the Plagiarism check and has been approved for further processing. We are allowed to initiate once we have the declaration from the authors hence I would humbly request you to kindly sign the attached copyright form and submit to us. If in case the article is rejected for any reason by the Editorial Team then the copyright form will be returned to you.

You need to ensure that your manuscript consists of below items else you need to provide us with the same:

- Title
- Type of the Article
- Authors
- Authors Affiliation
- Corresponding authors name highlighted
- Email id and **orcid id of the corresponding author is a mandate**
- Keywords
- References
- Figure/ Table/ Graph captions

We humbly request you to send us the copyright form signed by all the authors. The form is attached with the mail for your convenience.

Please feel free to revert for any query or suggestions.

Thanking you with best regards
 Shikha Tripathi
 Advanced Research (ADR) Publications
 LG - 37, Arora Shoppers Park, Shakti Khand II, Indirapuram, Ghaziabad - 201014, U.P., India
 Ph: +91-7906526419, +91-120-4128816
 website: www.adrpublications.in

Firefox browser window showing the same Gmail email. The address bar shows the URL: <https://mail.google.com/mail/u/0/#inbox/FMfcgwxChJbtLRqImBKLGXcsMwxdcRQX>. The email subject is "Fw: Bls: Bls: Reminder mail : Re: X".

The email content includes:

 Thanking you with best regards
 Shikha Tripathi
 Advanced Research (ADR) Publications

 LG - 37, Arora Shoppers Park, Shakti Khand II, Indirapuram, Ghaziabad - 201014, U.P., India
 Ph: +91-7906526419, +91-120-4128816
 website: www.adrpublications.in

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Firefox browser window showing a Gmail interface. The address bar displays <https://mail.google.com/mail/u/0/#inbox/FMfcgwxChJbtLRqImBKLGXcsMwxdcRQX>. The Gmail header shows "Telusuri email" and "5 dari 1.006". The left sidebar includes "Kotak Masuk 359", "Berbintang", "Ditunda", "Terkirim", "Draf 53", and "Junk". A chat window for "elsye" is visible with the message "Tidak ada chat terbaru" and a link "Mulai yang baru".

----- Pesan yang Diteruskan -----
Dari: Info ADR Publications <info@adrpublications.in>
Kepada: martini martini <linihen65@yahoo.co.id>
Ter kirim: Senin, 4 September 2017 12.37.49 WIB
Judul: Reminder mail : Request for the copyright form- ADR Publications

Dear Author,

At the very outset, Greetings from ADR Publications!

It is a pleasure for us to receive your manuscript entitled Modified Ovitrap to Control of Aedes sp Population In Central Java Indonesia for Publication in the [Journal of Communicable Diseases](#) (ISSN: 0019-5138).

The article is through with the Plagiarism check and has been approved for further processing. We are allowed to initiate once we have the declaration from the authors hence I would humbly request you to kindly sign the attached copyright form and submit to us. If in case the article is rejected for any reason by the Editorial Team then the copyright form will be returned to you.

You need to ensure that your manuscript consists of below items else you need to provide us with the same:

Firefox browser window showing a Gmail interface. The address bar displays <https://mail.google.com/mail/u/0/#inbox/FMfcgwxChJbtLRqImBKLGXcsMwxdcRQX>. The Gmail header shows "Telusuri email" and "5 dari 1.006". The left sidebar includes "Kotak Masuk 359", "Berbintang", "Ditunda", "Terkirim", "Draf 53", and "Junk". A chat window for "elsye" is visible with the message "Tidak ada chat terbaru" and a link "Mulai yang baru".

You need to ensure that your manuscript consists of below items else you need to provide us with the same:

- Title
- Type of the Article
- Authors
- Authors Affiliation
- Corresponding authors name highlighted
- Email id and orcid id of the corresponding author is a mandate
- Keywords
- References
- Figure/ Table/ Graph captions

We humbly request you to send us the copyright form signed by all the authors. The form is attached with the mail for your convenience.

Please feel free to revert for any query or suggestions.

Thanking you with best regards
Shikha Tripathi
Advanced Research (ADR) Publications
LG - 37, Arora Shoppers Park, Shakti Khand II, Indirapuram, Ghaziabad - 201014, U.P., India
Ph: +91-7906526419, +91-120- 4128816
website: www.adrpublications.in

M Fw: Bls: Bls: Reminder mail : Re: X

https://mail.google.com/mail/u/0/#inbox/FMfcgwxChJbtLRqKDDGhXHWLBQtQWSnK

Gmail

Telusuri email

6 dari 1.006

--- Pesan yang Diteruskan ---
Dari: Info ADR Publications <info@adrpublications.in>
Kepada: martini suleman <lmihen65@yahoo.co.id>
Terakhir: Kamis, 21 September 2017 00.26.36 WIB
Judul: Re: Bls: Bls: Reminder mail - Request for the copyright form- ADR Publications

Dear Dr. Martini,

Greetings for the day!

We would humbly request you to proofread the camera ready copy of your article and highlight the corrections (if any) in the pdf. You may also provide the corrections in the text body of the mail.

Early response is awaited.

Please feel free to revert for any query or suggestions.

Thanking you
Shikha Tripathi

On Fri, Sep 15, 2017 at 11:08 AM, Info ADR Publications <info@adrpublications.in> wrote:
Thank you so much.

We will be sending the camera ready copy of the paper for proofreading.

It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back!

Refresh Firefox...

M Fw: Bls: Bls: Reminder mail : Re: X

https://mail.google.com/mail/u/0/#inbox/FMfcgwxChJbtLRqKDDGhXHWLBQtQWSnK

Gmail

Telusuri email

6 dari 1.006

Shikha

On Fri, Sep 15, 2017 at 3:45 AM, martini suleman <lmihen65@yahoo.co.id> wrote:
Dear,
This is my orchid Id : 0000-0002-6773-1727
is it complete ?
thank very much
best regard,

Pada Kamis, 14 September 2017 17:27, Info ADR Publications <info@adrpublications.in> menulis:
Hi,
We need your orcid id for further processing.
Please do the needful at the earliest.

Shikha

Fw: BIs: BIs: Reminder mail : Re: X

https://mail.google.com/mail/u/0/#inbox/FMfcgwxChJbtLRqKDDGhXHWLBQtQWSnK

Gmail

Telusuri email

6 dari 1.006

Tulis

Kotak Masuk 358

- Berbintang
- Ditunda
- Terkirim
- Draf 53
- Junk

elsye

Tidak ada chat terbaru
Mulai yang baru

On Wed, Sep 13, 2017 at 6:00 PM, martini suleman <linihen65@yahoo.co.id> wrote:
Dear,
here is the receipt. I had transferred in the afternoon in my time.
thank for your patient.
warm regard,
martini seoliman

Pada Rabu, 13 September 2017 14:44, Info ADR Publications <info@adrpublications.in> menulis:
There is no attachment.

On Wed, Sep 13, 2017 at 11:47 AM, martini suleman <linihen65@yahoo.co.id> wrote:
I have done payment through bank transfer.
this is receipt from the bank.
thank you

It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back! Refresh Firefox

Fw: BIs: BIs: Reminder mail : Re: X

https://mail.google.com/mail/u/0/#inbox/FMfcgwxChJbtLRqKDDGhXHWLBQtQWSnK

Gmail

Telusuri email

6 dari 1.006

Tulis

Kotak Masuk 358

- Berbintang
- Ditunda
- Terkirim
- Draf 53
- Junk

elsye

Tidak ada chat terbaru
Mulai yang baru

On Wed, 13/9/17, Info ADR Publications <info@adrpublications.in> wrote:
Subject: Re: BIs: BIs: Reminder mail : Request for the copyright form- ADR Publications
To: "martini suleman" <linihen65@yahoo.co.id>
Date: Wednesday, 13 September, 2017, 11:40

I have my current account in Indian Govt. Bank and am not permitted for the interanational transaction directly. People have to pay only through Paypal.
you have to register into www.paypal.com
once you are registered then let me know and i will send you a payment request then you will response to the same request and pay through your debit/ credit card.
It is very simple. Please try as I am guiding you.
Please feel free to revert for any query or suggestions.
ThanksShikha

It looks like you haven't started Firefox in a while. Do you want to clean it up for a fresh, like-new experience? And by the way, welcome back! Refresh Firefox

Firefox browser window showing a Gmail interface. The address bar contains the URL: <https://mail.google.com/mail/u/0/#inbox/FMfcgxwChJbtLRqKDDGhXHWLBQQtQWSnK>. The Gmail header shows "Telusuri email" and "6 dari 1.006". The left sidebar includes "Tulis", "Kotak Masuk 358", "Berbintang", "Ditunda", "Terkirim", "Draf 53", and "Junk". The main content area shows an email from "Uti vveu, Sep 13, 2017 at 9:27 AM, martini suleman <tinihen65@yahoo.co.id>". The email text reads: "I have done by asking to my friend and the bank itself. they do not have experience about that. I keep do transfer to you trough indonesia'bank. so please wait me to process the transfer. To day this morning I go the bank again. but please send me swift code the bank name. thank you, best regard".

Firefox browser window showing a Gmail interface. The address bar contains the URL: <https://mail.google.com/mail/u/0/#inbox/FMfcgxwChJbtLRpXMGMHrrfPGnbdBQbf>. The Gmail header shows "Telusuri email" and "7 dari 1.006". The left sidebar includes "Tulis", "Kotak Masuk 357", "Berbintang", "Ditunda", "Terkirim", "Draf 53", and "Junk". The main content area shows an email from "Info ADR Publications <info@adrpublications.in>". The email text reads: "----- Pesan yang Diteruskan ----- Dari: Info ADR Publications <info@adrpublications.in> Kepada: martini suleman <tinihen65@yahoo.co.id> Terkirim: Kamis, 21 September 2017 17.03.41 WIB Judul: Re: Request for the copyright form- ADR Publications The file is attached with the mail. Kindly check and confirm. Also let me know if you can help us in getting subscription for us from your institution. Shikha On Thu, Sep 21, 2017 at 2:54 PM, martini suleman <tinihen65@yahoo.co.id> wrote: yes, Martini Martini and Retno Hestningsih are an educative staff of Public health Faculty, Diponegoro University. and Anggit Prihatnolo is a **staff of Quarantine Office Class II Cilacap, Central Java, Indonesia**. In my institution, the first author and co author have the spesial meaning. So please, the author's order is martini martini, anggit prihatnolo, and retnohestningsih. I'm sorry make you confuse. thank you".

Firefox browser window showing a Gmail email. The address bar contains: <https://mail.google.com/mail/u/0/#inbox/FMfcgxwChJbtLRpXMgMhrrfPGnbdBQbf>. The email subject is "Fw: Request for the copyright".

From: Info ADR Publications <info@adrpublications.in> menuliskan:
Pada Kamis, 21 September 2017 16:15, Info ADR Publications <info@adrpublications.in> menulis:

Do you mean

First author will be Retno from Educative Staff of Faculty of Public Health, Diponegoro University, Semarang 50277, Indonesia

second author named Anggit from **Staff of Quarantine Office Class II Cilacap, Central Java, Indonesia**

Martini Martini also from Educative Staff of Faculty of Public Health, Diponegoro University, Semarang 50277, Indonesia

On Thu, Sep 21, 2017 at 2:42 PM, martini suleman <linihen65@yahoo.co.id> wrote:

Dear,

Please change the number author 3 become 1. like this :

Martini Martini¹, Anggit Prihatnolo², Retno Hestiningasih¹

and then, revise the institution like at below :

Educative Staff of Faculty of Public Health, Diponegoro University, Semarang 50277, Indonesia
Staff of Quarantine Office Class II Cilacap, Central Java, Indonesia

Firefox browser window showing a Gmail email. The address bar contains: <https://mail.google.com/mail/u/0/#inbox/FMfcgxwChJbtLRpXMgMhrrfPGnbdBQbf>. The email subject is "Fw: Request for the copyright".

From: Info ADR Publications <info@adrpublications.in> menuliskan:
Pada Kamis, 21 September 2017 16:04, Info ADR Publications <info@adrpublications.in> menulis:

Dear Martini,

Please find the revised file attached with the mail.

Kindly check and confirm.

Regards
Shikha

On Thu, Sep 21, 2017 at 6:55 AM, martini suleman <linihen65@yahoo.co.id> wrote:

Educative Staff of Faculty of Public Health, Diponegoro University, Semarang 50277, Indonesia
Staff of Quarantine Office Class II Cilacap, Central Java, Indonesia

thank you,

Tampilkan pesan asli

Firefox browser window showing a Gmail email. The address bar contains the URL: <https://mail.google.com/mail/u/0/#inbox/FMfcgxwChJbtLRpXMgMhrrfPGnbdbQbf>. The Gmail interface shows the left sidebar with folders: Tulis, Kotak Masuk (357), Berbintang, Ditunda, Terkirim, Draf (53), and Junk. The email content is as follows:

On Thu, Sep 21, 2017 at 6:55 AM, martini suleman <tinihen65@yahoo.co.id> wrote:

Dear,

Thank for your information. Herewith, I send back revising from me, especially about author writing. Please help me to do correction my name and institution of us. I'm sorry I do not understand if I should revise through the system of journal web.

Thank you for your kindness.

warm regard,

Martini

Pada Kamis, 21 September 2017 0:26, Info ADR Publications <info@adrpublications.in> menulis:

Dear Dr. Martini,

Greetings for the day!

Firefox browser window showing a Gmail email. The address bar contains the URL: <https://mail.google.com/mail/u/0/#inbox/FMfcgxwChJbtLRpXMgMhrrfPGnbdbQbf>. The Gmail interface shows the left sidebar with folders: Tulis, Kotak Masuk (357), Berbintang, Ditunda, Terkirim, Draf (53), and Junk. The email content is as follows:

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Early response is awaited.

Please feel free to revert for any query or suggestions.

Thanking you
Shikha Tripathi

Firefox browser window showing a Gmail email. The address bar contains: <https://mail.google.com/mail/u/0/#inbox/FMfcgwxChJbtLVGCxWXGmZBhGxjwDxWW>

Gmail interface with search bar "Telusuri email".

Left sidebar:

- Tulis
- Kotak Masuk 355
- Berbintang
- Ditunda
- Terkirim
- Draf 53
- Junk
- elsye

Message content:

----- Pesan yang Diteruskan -----
 Dari: Savita Thakur <formatting@adrpublications.in>
 Kepada: tinihen65@yahoo.co.id <tinihen65@yahoo.co.id>
 Cc: Director ADR <Shalini@adrpublications.in>
 Terkirim: Rabu, 27 September 2017 17.17.24 WIB
 Judul: Modified Ovitrap to Control Aedes Sp Population in Central Java, Indonesia

Dear Dr. Martini Martini ji,
 Greetings from Advanced Research Publications!!

The volume 49 issue 3, 2017 will be published on 30th september 2017.

I would humbly request you to proofread the revised camera ready copy attached with the mail. Early response is awaited.

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Vol 49, No 3 (2017)

Modified Ovitrap to Control *Aedes* Sp Population in Central Java, Indonesia

Martini Martini¹, Anggit Prihatnolo², Retno Hestingsih³

Abstract

Ovitrap has been developed and used in many countries as a monitoring tool of dengue vector. The aim of this study was to compare the effectiveness of modified ovitrap and standard ovitrap, as well as measuring the population of *Aedes* sp. This study was performed in Sidorejo Lor Village Central Java. A pair of conventional and modified ovitrap was put in 100 houses each. Ovitrap were placed indoor and outdoor, in the distance of 100 meters. The results of the study showed that modified ovitrap collected significantly larger numbers of *Aedes* sp than standard ovitrap. Numbers of *Ae. aegypti* (68.61%) was higher than *Ae. albopictus* (30.78%). Mixed breeding outdoor (11.21%) were higher than indoors (3.57%). The value of Area Ovitrap Index (AOI) and Monthly Ovitrap Index (MOI) of modified ovitrap was greater than standard ovitrap. Modified ovitrap can be recommended as a tool for monitoring population of *Aedes* sp.

Keywords: Ovitrap, Vector, *Aedes aegypti*, *Aedes albopictus*, Dengue

Introduction

Dengue hemorrhagic fever (DHF) is one of the major public health problems in Indonesia. There were about 140.000 cases of DHF in 2010. Moreover, it is estimated that roughly 15% of world cases are from Indonesia.⁸ The disease spreads fast in all areas, from lowland to highland. DHF is caused by dengue virus which is transmitted by *Aedes* sp. as a vector. The pattern of distribution of dengue is influenced by population of *Aedes* sp. Many urban areas in the tropical world are subject to dengue transmission.¹⁵ *Aedes aegypti* is a primary vector and *Ae. albopictus* is a secondary vector. Human with high mobility having important role in distribution of cases among communities (WHO, 2003).

Ovitrap is one method in vector survey which is more accurate than conventional method. Ovitrap is used to know the distribution of vector population. The conventional methods are often recommended by the programs such as *House Index* (HI), *Container Index* (CI) and *Breteau Index* (BI). Recently the indicators are not relevant anymore as they are not able to measure risk of transmission or efficacy of DHF control program. Nowadays, ovitrap is useful to describe spatial and temporal population of *Ae. aegypti* and other species. Several researches have showed the development and effectiveness of the ovitrap as a tool to monitor *Ae. aegypti* surveillance.⁶ Data from ovitrap survey is more sensitive. In addition, it could detect the presence of vector in a small population.⁹ Furthermore, it can be applied to a wide area in a short time.¹⁶ Moreover, it is an operationally viable method and effective.¹ It does not need a certainly trained health staff as well.¹⁵ Hong Kong Government used ovitrap index as reference to evaluate dengue program.⁴

Ovitrap method requires modification according to condition and human resources. In addition, we would like to compare ovitrap using reused material, and attractant from hay infusion to attract oviposition of female *Aedes* sp. This research was also applied over a known endemic area in Central Java, Indonesia. Sidorejo is one village located

^{1,3}Educative Staff of Faculty of Public Health, Diponegoro University, Semarang 50277, Indonesia.

²Staff of Quarantine Office Class II Cilacap, Central Java Indonesia.

Correspondence: Ms. Martini, Diponegoro University, Semarang 50277, Indonesia.

E-mail Id: tinihen65@yahoo.co.id

Orcid Id: <http://orcid.org/0000-0002-6773-1727>

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Materials and Methods

Research places were divided into two areas, such as control and intervention. A total of 100 units of ovitraps were placed in every indoor and outdoor location. The distance among ovitraps was approximately 100 meter. Mosquito population was estimated by the number of eggs and

larvae that were collected using ovitrap. Modified ovitrap was made from a plastic bottle and was designed as seen in Fig. 1. The solution of attractant was hay infusion with a concentration of 10%. To obtain information about the species of the mosquitos, the eggs and larvae were reared until being adult mosquitoes. Mosquito identification was based on a standard taxonomic key, including species, number of species, and gender of mosquitoes. Vector population in each area was monitored weekly for 8 weeks. Data was analyzed by *Mann-Whitney U* test. Ovitrap index (OI), monthly ovitrap index (MOI), ovitrap index (AOI), and mixed breeding (MB) were analyzed. The Government of Hong Kong Special Administrative Region (2003) Guideline was used as an indicator.

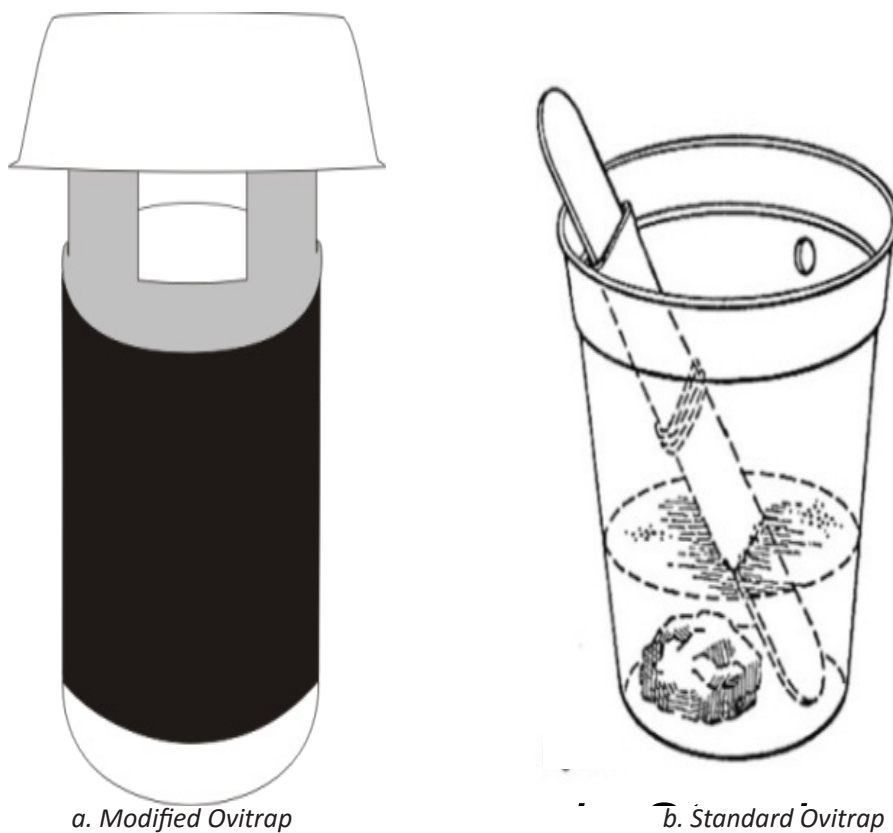


Figure 1. Comparing Design of Modified Ovitrap and Standard Ovitrap

Results

The study was performed for 8 weeks (in May and June). The number of ovitraps collected was not equal with number of ovitraps installed in the field. Modification of ovitrap could capture mosquitoes more than standard mosquitoes, both outdoor and indoor. However, standard ovitrap that had been set up at outdoor had larger numbers of mosquitoes as compared to that of location. Mixed breeding was also found on ovitrap in indoor and outdoor locations.

There were different numbers of *Aedes sp* that were trapped between modified *ovitrap* and standard *ovitrap* ($p < 0,05$), as well as observation weekly (Week-I to VIII) based on *Mann-Whitney U* test. This study demonstrated

that modified ovitrap was effective until the fifth week. However, in the fifth week, ovitrap index of modification had lower value than standard ovitrap.

Number of eggs on modified indoor ovitrap was 2.455 and larvae was 5.238, more than number of eggs and larvae on outdoor ovitrap. Collected rearing of pre-adult after a week showed mosquitoes more than indoor (Tables 1 and 2) and outdoor ovitraps generate emerge adult. Modified ovitrap successfully collected mosquitoes compared to standard ovitrap.

Numbers and Species of Mosquitos

Mosquitos that could be identified on the modified ovitrap

were mostly *Ae. aegypti* (68,6%), *Ae albopictus* (10,8%), and the least was *Culex* in an amount 0,61% (Table 2). *Ae. aegypti* was still found at indoor setting, the ratio *Ae. aegypti* and *Ae. albopictus* were 25,8, in the other hand ratio *Ae. albopictus* and *Ae aegypti* in outdoor were 2,85. Mixed breeding on modification ovitrap was found on both locations of ovitrap – indoor and outdoor. Percentage of mixed breeding outdoor showed a higher value. The value was 17.14% as compared to modification ovitrap than outdoor. Ratio of *Ae. aegypti* in modified ovitrap indoor as 25.79 times compared to *Ae. albopictus*, but modifications

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Area Ovitrap Index (AOI)

Area of this study was a sub-village consisting of 8 areas. Comparing the areas and type of ovitraps, the data show that sub-village II (RW II) was highest (68.29%) by using modified ovitrap than using standard ovitrap (64.52%). Generally, AOI on modification ovitrap had a higher range than the standard ovitrap (control).

Table 1. Population of Mosquitoes in Outdoor Trapped on Ovitrap

Weeks	Outdoor							
	Modification Ovitrap				Standard Ovitrap			
	n+	%	mix	%	n+	%	mix	%
I	27	51.9	7	25.9	6	9.2	1	16.7
II	27	32.5	5	18.5	15	33.3	2	13.3
III	17	22.1	2	11.8	21	35.6	4	19.0
IV	18	24.7	4	22.2	11	21.6	1	9.1
V	15	20.0	2	13.3	13	24.1	1	7.7
VI	10	14.5	0	0.0	16	23.5	0	0.0
VII	10	12.0	3	30.0	12	27.3	2	16.7
VIII	13	15.5	2	15.4	14	33.3	1	7.1

n+=positive of ovitrap mix=mixed breeding

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Weeks	Indoor							
	Modification Ovitrap				Standard Ovitrap			
	n+	%	mix	%	n+	%	mix	%
I	36	40.9	10	27.8	6	9.2	0	0.0
II	34	37.8	5	14.7	15	22.7	0	0.0
III	39	47.6	1	2.6	21	32.8	1	4.8
IV	32	38.1	2	6.3	11	17.7	1	9.1
V	33	35.1	6	18.2	13	20.6	1	7.7
VI	24	29.6	5	20.8	16	27.1	0	0.0
VII	25	29.8	4	16.0	12	21.1	0	0.0
VIII	26	27.1	3	11.5	14	24.6	2	14.3

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Discussion

Hay infusion had potential as attractant for adult mosquitoes to come,¹⁰ especially female mosquitoes. Hay infusion made from rice straw of *Oryza sativa* that was soaked into water as long as a week minimally. Generally, *Aedes* sp is interested to breed in clean water, but the study clearly indicated that *Ae. aegypti* is prefer laid their egg on modified ovitrap than clean water. Hay infusion used in this study consisted of complex nutrition; as a result decomposition process by bacteria² and this condition was mostly needed by larvae of mosquitoes.

Polson et al.¹⁰ also used this attractant 10% hay infusion for his study. In order to obtain efficiency when applied on the field, Reiter et al.¹¹ suggested using 100% hay infusion. This study showed that hay was infusion just

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from the container to give different functions, such as dangerous signals because there were available predators, safe condition because available the same species,¹⁴ often called *Allee effect*.

Ovitrap Index

The results ovitrap index described the level of oviposition of gravid mosquito *Aedes* sp. Both ovitrap index and area ovitrap index can be used in the evaluation of dengue control programs, and modification ovitrap could be expected to improve efficiency and effectiveness survey and monitoring of dengue vector. The study found that modified ovitrap tends to be more effective than the standard ovitrap. Indirectly, modification ovitrap could describe the status oviposition of *Aedes* sp. Area ovitrap index indicates the area was on category level 4 (Ovitrap Index >40%), namely sub-village II and III. To control population of vector in that level of the area, WHO gave recommendation eradication of breeding places (called PSN), larvaciding and fogging if available of DHF cases. However, areas with level 3 category and lower (ovitrap index <40%) need intervention by PSN at least 2 times a week.

Mixed Breeding

Eggs and larvae on modification and standard ovitrap obtaining from the field showed number of *Ae. aegypti* was higher than population of *Ae. albopictus*. Mixed breeding on ovitrap between that species was often found almost in all of locations and type of ovitraps. Mixed breeding on outdoor was higher (17.14%) than indoor (14.73%). A study in Kuala Lumpur Malay by Chen et al. found as many as 10–32%.⁶ In addition, the ratio of *Ae. aegypti* and *Ae. albopictus* was higher indoors (25.79) than outdoors (2.85). This case indicated that there was changing behavior of *Ae. aegypti* towards peridomestic.³ This study also found mixed breeding with other species, *Culex* sp. Mixed breeding between *Aedes* sp and *Culex* sp was lower percentage (0.009%). Another research in Malaya found that ovitrap could attract *Culex fatigans* (*quinquefasciatus*) and *Toxorhynchites* sp. laying their eggs, but only less than 1% of the total ovitrap.

Although ovitrap with hay infusion as attractant was more effective, there were some weaknesses. Black ants (*Camponotus caryae*) like to live on the ovitrap with attractant. Black ants were attracted because of chemicals released from hay infusion, the impact was black ants could disrupt activity of mosquito to lay her eggs, and possible as a predator for eggs of *Aedes* sp. Modified Ovitrap had limitation in its use. It needs maintenance of ovitrap through changed hay infusion solution, repair and replacement of damaged ovitrap, and cleaning the parts inside of ovitrap.

Conclusion

The modification ovitrap was more effective than standard

ovitrap. Ovitrap index showed that Sidorejo Lor Village has three areas on four levels. *Ae. aegypti* was caught more than *Ae. albopictus*. There was *mixed breeding* in outdoor than indoor. The modification ovitrap could be applied in public health center and a community as a tool to prevent contact mosquito bite, before Sanitarian was socialized ovitrap use to the community.

Acknowledgment

We thank the staff of community health service at Sidorejo, Salatiga District, and healthcare volunteers for data collecting.

Conflict of Interest: None

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Retno Hestningsih¹, Anggit Prihatnolo², Martini Martini³

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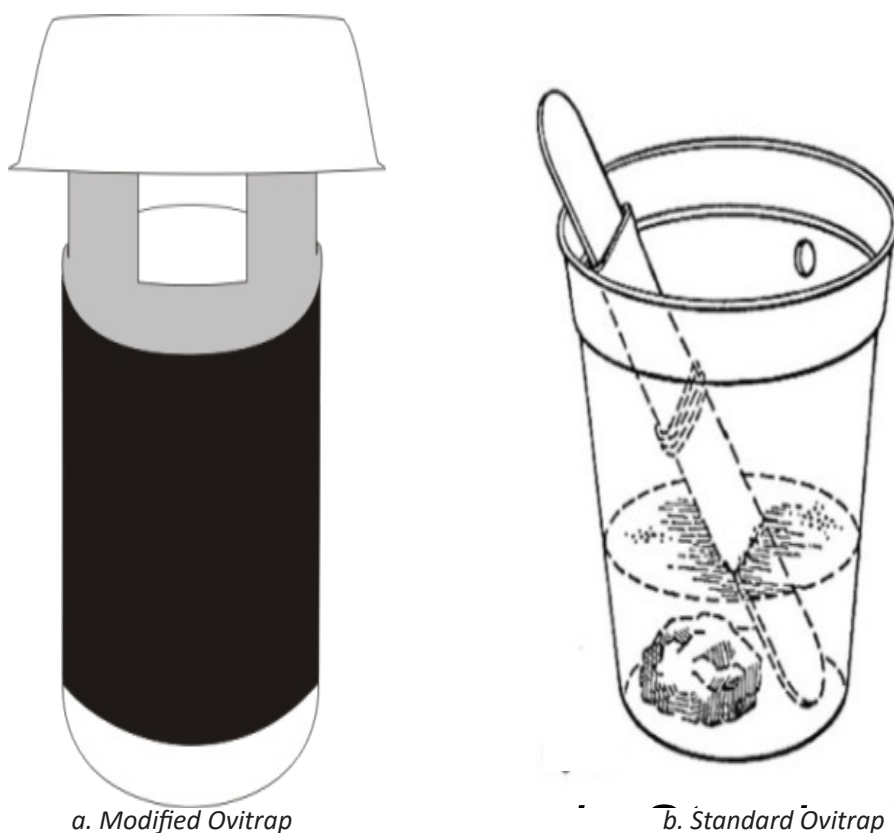


Figure 1. Comparing Design of Modified Ovitrap and Standard Ovitrap

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Polson et al.¹⁰ also used this attractant 10% hay infusion for his study. In order to obtain efficiency when applied on the field, Reiter et al.¹¹ suggested using 100% hay infusion. This study showed that hay was infusion just

effective until 5 weeks. This case related to bionomic of mosquito namely “skip oviposition”. Skip oviposition was behavior of *Ae. aegypti* female that tend to lay their eggs not in one location, but rather in different places.¹² That behavior influenced why attractant just optimizes on several weeks beside of limited nutrition on ovitrap, affects the mosquito flying area,¹³ mosquitoes prefer containers that previously had similar egg (genus *Aedes*) with medium density/concentration than containing high egg concentrations or without eggs on container.¹⁵ *Ae. aegypti* gave a respond differently to lay their eggs when they found eggs on the containers. Eggs gave out the chemical markers (semiochemical) called octadecanoic acid to attract gravid mosquito to lay their eggs, especially when concentration of eggs was lower. In opposite, in high concentration the eggs could give out methyl dodecanoate having a repellent effect.⁷ Different signals could come

from the container to give different functions, such as dangerous signals because there were available predators, safe condition because available the same species,¹⁴ often called *Allee effect*.

Ovitrap Index

The results ovitrap index described the level of oviposition of gravid mosquito *Aedes* sp. Both ovitrap index and area ovitrap index can be used in the evaluation of dengue control programs, and modification ovitrap could be expected to improve efficiency and effectiveness survey and monitoring of dengue vector. The study found that modified ovitrap tends to be more effective than the standard ovitrap. Indirectly, modification ovitrap could describe the status oviposition of *Aedes* sp. Area ovitrap index indicates the area was on category level 4 (Ovitrap Index >40%), namely sub-village II and III. To control population of vector in that level of the area, WHO gave recommendation eradication of breeding places (called PSN), larvaciding and fogging if available of DHF cases. However, areas with level 3 category and lower (ovitrap index <40%) need intervention by PSN at least 2 times a week.

Mixed Breeding

Eggs and larvae on modification and standard ovitrap obtaining from the field showed number of *Ae. aegypti* was higher than population of *Ae. albopictus*. Mixed breeding on ovitrap between that species was often found almost in all of locations and type of ovitraps. Mixed breeding on outdoor was higher (17.14%) than indoor (14.73%). A study in Kuala Lumpur Malay by Chen et al. found as many as 10–32%.⁶ In addition, the ratio of *Ae. aegypti* and *Ae. albopictus* was higher indoors (25.79) than outdoors (2.85). This case indicated that there was changing behavior of *Ae. aegypti* towards peridomestic.³ This study also found mixed breeding with other species, *Culex* sp. Mixed breeding between *Aedes* sp and *Culex* sp was lower percentage (0.009%). Another research in Malaya found that ovitrap could attract *Culex fatigans* (*quinquefasciatus*) and *Toxorhynchites* sp. laying their eggs, but only less than 1% of the total ovitrap.

Although ovitrap with hay infusion as attractant was more effective, there were some weaknesses. Black ants (*Camponotus caryae*) like to live on the ovitrap with attractant. Black ants were attracted because of chemicals released from hay infusion, the impact was black ants could disrupt activity of mosquito to lay her eggs, and possible as a predator for eggs of *Aedes* sp. Modified Ovitrap had limitation in its use. It needs maintenance of ovitrap through changed hay infusion solution, repair and replacement of damaged ovitrap, and cleaning the parts inside of ovitrap.

Conclusion

The modification ovitrap was more effective than standard

ovitrap. Ovitrap index showed that Sidorejo Lor Village has three areas on four levels. *Ae. aegypti* was caught more than *Ae. albopictus*. There was *mixed breeding* in outdoor than indoor. The modification ovitrap could be applied in public health center and a community as a tool to prevent contact mosquito bite, before Sanitarian was socialized ovitrap use to the community.

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Conflict of Interest: None

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