

BIOLOGICAL SHIPMENT RECORD -QUARANTINE FACILITY

Form AD-942

This form is for use in recording details concerning living material for biological control and pollination studies, and other beneficial uses (biological control agents, parasitized or diseased hosts, pollinators, competitors, antagonists, and other material required for biological control studies) that are -

- 1. Consigned from quarantine to researchers in non-quarantine areas of the U.S. quarantine facility location, or
- 2. Shipped from U.S. quarantine to researchers at U.S. non-quarantine locations in the 48 contiguous states.

Note: Use Form AD-94 I for shipments from quarantine to quarantine, to U.S. locations outside 48 contiguous states (Hawaii, Alaska, U.S. territories), or to all foreign locations. Use Form AD-943 for non-quarantine shipments to domestic locations.

Information from this form will be computerized and published by the U.S. Department of Agriculture, Agricultural Research Service, Insect Identification and Beneficial Insect Introduction Institute, Beneficial Insect Introduction Laboratory (Biological Control Documentation Center), Beltsville, Maryland 20705. Full credit will be given to the individuals and organizations responsible for collection, shipment, culture and release of the organisms included in these records. Completion of the form is voluntary.

INSTRUCTIONS

- .Use a separate AD-942 set for each beneficial species or each parasitized/diseased host/pest species shipped/consigned.
- .Type or print firmly with a ball point pen to record on all copies.
- .Quarantine Facility is to complete Section I (instructions below). Receiver is to complete Sections II and III (instructions below and on reverse of cover sheet).
- . Record additional information in "Remarks" blocks in applicable sections of the form, and additional release information on Form AD-942A, "Supplemental Data," on reverse of this cover sheet.
- .Fill out all blocks as completely as possible. Use "N/A" for those not applicable, "UNK" for unknown, "942A" when supplemental data form is used. Shaded blocks are for Documentation Center use only.
- .Codes for invertebrate stages, plant parts, and microbial organisms listed on reverse of form may be used.
- .See reverse of form for Routing and Copy Distribution Information.

SECTION I -MATERIAL SHIPPED/CONSIGNED

Block Number

2. Organism shipped -

A. Genus, species, subspecies, author -Give full scientific name of beneficial species being shipped -also when shipping parasitized / diseased host material. If species name is unknown, use genus name and "sp." (or further designations such as n.sp., sp.A, sp. ill. [J, etc.) pending final determination or description. If only non-beneficial material is shipped, enter scientific name.

B. Order: Family -Give order:family of beneficial species or of non-beneficial species if no beneficial species are included. Add higher taxon name for non-arthropods.

C. Determined by -Names of persons providing identification of material listed in blocks 2A and 5. Two determiners of material may be involved; if identification is based on comparison with specimens identified by a taxonomist, list taxonomist's name in parentheses following determiner of the material actually being shipped. Add affiliation of identifiers; use acronyms. (E.g., L.R. Ertle, BIRL (p.M. Marsh, SEL».

4. Type of organism -Parasites, predators and weed feeders include nematodes. Other includes competitors (e.g., dung beetles), host material (check also in block 8) and other non-beneficial material for experimental use; may also be used for plants for biological control. Microbials include diseased animals and plants -see codes on reverse of form -and cultures/isolates of microbial (fungal, bacterial, viral, rickettsial, protozoan) pathogens, antagonists, competitors, etc. Explain "Microbial" and "Other" in remarks, block 20.

5. Numbers and stages shipped -If appropriate term is not listed in Codes on reverse side of form, spell out stage. Give total individuals of each stage and

total individuals of all stages. If estimated, check Est block. If parasitized hosts are shipped/consigned, give estimated percent parasitized, if possible.

6. Dates transformed to stages shipped -Inclusive dates of egg deposition, larval or adult eclosion, or pupation to stages shipped, or of parasitization or infection. If unknown, so state. "Shipped directly" means shipped directly as received from foreign/overseas source; "emerged in quarantine" is self explanatory, but see also block 16.

9-15. Collection data -Information in these blocks from pertinent AD-941 forms. In block 12, list file nos. of all pertinent AD-941 forms

(including any

needed subletter designations from Section III) for *all* material included in this shipment.

16-17. Culture data -Indicate whether and where cultured. If cultured in quarantine, give number of generations at time of shipment/consignment, and complete block 17 if different from block 13.

19. Shipped/consigned to -Give full name and address of person to whom shipment/consignment is made; include agency designation (e.g., USDA-ARS, or -FS; DOA-CE, etc.). If this is a consignment to a researcher of the same affiliation or location as the quarantine facility, only name and affiliation acronym is needed.

SECTION II -MATERIAL RECEIVED

30. Inventory-

A. Number received -Record number of the Organism shipped (block 2A) received dead or alive; check E for estimate. Totals should relate to those in

block 5. Use block 31 to record additional species in shipment.

B. Number emerged -Record numbers of larvae or adults emerging from eggs or immature stages, respectively, or from parasitized host material or from plant material shipped, check E for estimate. Use block 31 to record additional species in shipment.

31. Other species included -Note; Only the species listed in block 2A of this form should be included in this shipment/consignment from quarantine. If other species are discovered in the shipment by the receiver, the *shipping quarantine facility should be informed immediately*. Specimens may need to be killed and returned to quarantine facility. Indicate in block 31 A if specimens were returned to quarantine. Refer to instructions for "2C" for completion of "31 B."

34. Intended use -Complete Section III if block A is checked. If part of the material is released immediately and part retained for culture or study, check blocks A and B or C. If only B or C is checked, this completes this form; report releases from these cultures on Form AD-943.

SECTION III -RELEASE

If material from this shipment is released at more than 3 sites, use Form AD-941A below, to record additional releases. .

0. **Target hosts/prey** -*Be as specific as possible*; i.e., give genus-species of host/prey against

~ hiCh this material is actually released. If more than two hosts/prey

are present at the release site, or actual host/prey species present is unknown, give generic names (e.g., *Heliothis spp.*, *Lygus spp.*) or, if more appropriate,

use other general term (e.g., *aphids*, *dung flies*, etc.; *Note*: Recording of family names is most important in this case). Give further details in block 43 or on Form AD-942A below. I

1. **Host/prey food** -Use common name of plants or animals, or generic names of hosts/prey that lack common names. Also note if food is other than

plant or animal (e.g., dung, decayed material, etc.). If more than one food source of the target host/prey is present at release site, note here and give details in block 43 or on Form AD-942A below.

-2. **Released by** -Give name of actual releaser and affiliation acronym (including supervisor, if appropriate, in parentheses).

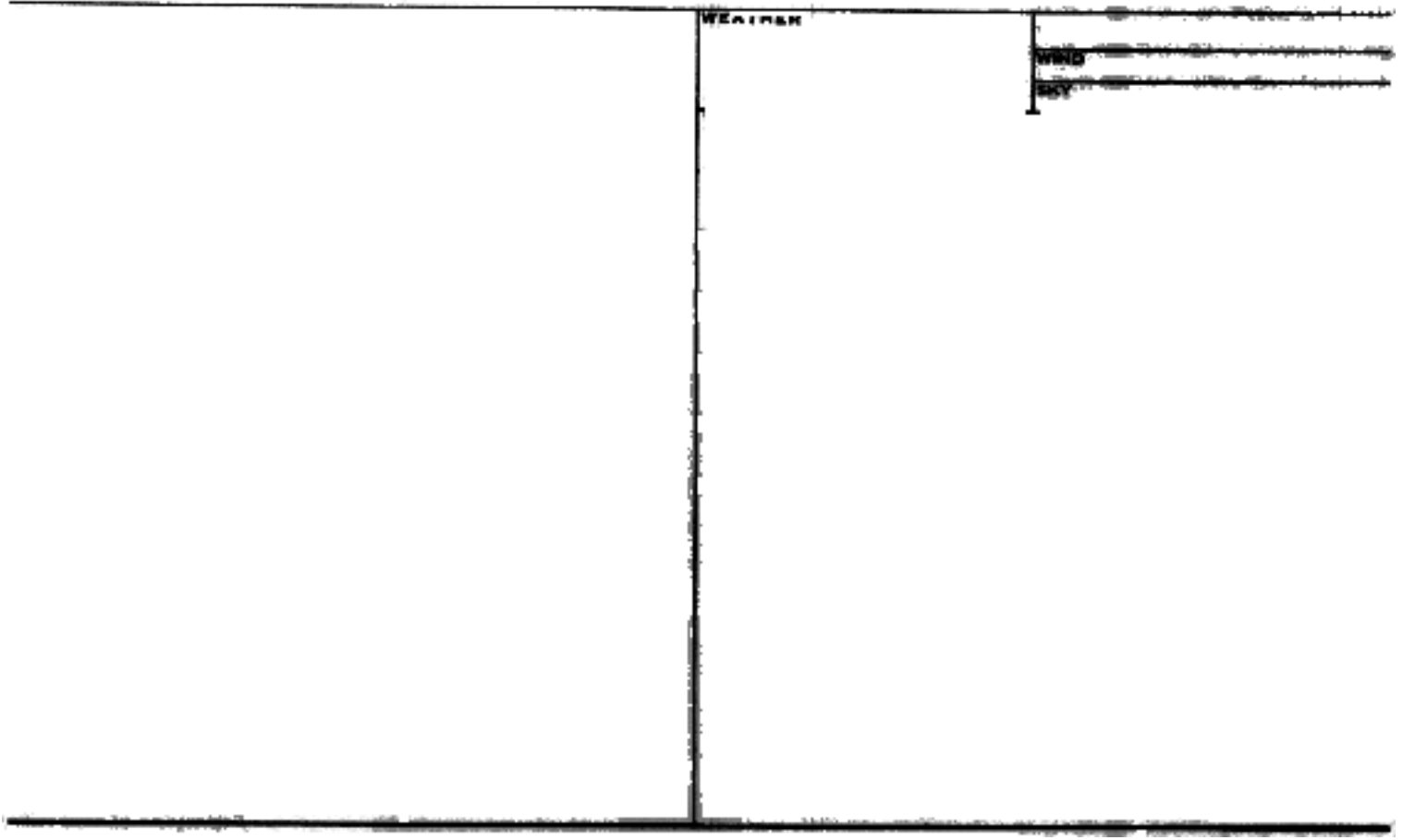
3. **Remarks** -Also use Form AD-942A below for additional comments concerning release. -, -, OMBNO.05IS-0013'c:., -

(llnll r"ftAr"ftl"T" A , IShipper'sFileNumber

SUPPLEMENTAL NOTE: .Do not fold this sheet over form when writing, - carbons will distort entries. (From AD-942)

DA T A -If additional copies are needed, photocopy for each site & staple to form.

RELEASE SITE DETAILS, SITE NO.



.Township, route no.,Farmer's name, etc. .Map of release site.

W-



E

~ONDITION\I OF CROP FIELD

.CONDITIONOF RELEASE MATERIAL

~E~~IN~NT TARGET HOST {PREY
STAGE PRESENT

TEMP.

TARGET HOST/PREY ABUNDANCE

ADDITIONAL HOST/PREY PRESENT

OTHER COMMENTS

Reported by & Date

ADDITIONAL RELEASES OF MATERIAL FROM SHIPMENT
(Use Form AD-943 for release of material cultured from this shipment.)

Types of release	SITE 4			SITE 5		
	<input type="checkbox"/> Field	<input type="checkbox"/> Greenhouse	<input type="checkbox"/> Cage	<input type="checkbox"/> Field	<input type="checkbox"/> Greenhouse	<input type="checkbox"/> Cage
				[Est]		
REMARKS						

Number and stages released (*see codes*)

Dates of release (*m,d, \, *)

Target hosts/prey at release A. Primary -*Genus, species*
B. Other -*Genus, species* C. Families

F Dod (plant/animal/other) of target host/prey at release

Rel~!se~py-

I IEst I

SITE 6

0 Field OGreenhOuse Dcage Dother:

[gs!J

~

REPORTED BY

A. Name B.Date (*m,d,y*)

arm AD-942A i~j~

,j.,

U.S. Department of Agriculture
BIOLOGICAL SHIPMENT RECORD -QUARANTINE FACILITY
(Shipment/Consignment from Quarantine)

SECTION I -REPORT OF MATERIAL SHIPPED, CONSIGNED or RELEASED

FROM (*Quarantine facility .name ana aaa",ss*) **12.ORGANISM SHIPPED-** .Gen., sp..subSP., auth. [MJ 3. **QUARANTINE FILE NO.**

LOS. & STAGES SHIPPED (*see codes*)

TOTAL: DShIPped directly DEmerged in Quarantine

STATES ORIGINALLY 10. LOCATION- Country & Province{Stateoforlgn **II. ORIGINAL COLLECTORS FIELD COLLECTED** (m,d,y) (*names & affiliations*)

AB CULTURED IF 1+)
VERSEAS DNA

n Quarantine

-----J (number of -generations)

4. TYPE OF ORGANISM-explain MI & OT

in blk.20

0 Parasite DwEed feeder

-, --"..' 'c DpRedator OpOillnator Omlcrobllal OOther

6. OATES TRANSFORMED TO STAGES SHIPPED 7. MATING OBSERVED

(month.day.yearJ

00 Yes % No

8. HOST / PREY / PEST MATERIAL

PRESENT

OBeneficial with host/prey

I ii: ~~~~~IAS ~~~~~_D Host/Prey/pest only 0 None

12. FOREIGN/OVERSEAS SOURCE

FILE NOs.

S:Orde"r;Faml/Y ---

C:DeteTmi;;; "edbY(;;a;;;-e8&affi/i;H~ns)-

~

113. ORIGINAL HOST/PREY -Gen., sp. (or other food source) I

ATE S ppe 2.2. REPRESENTATIVE ry :1 2.3. PACKING/HANDLING 2.A. SHI-PED VIA 2.5. SCREENED OR PACKAGED BY

:onsigned (m,d,y,) SPECIMENS L!e~

RETAINED

00 number: Usual Other (explain in blk. 20)

17. LAB HOST/PREv-Gen., sp. (if different from blk.13)

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M NC

00 00

146. V.S.

f. ee flea)

aD

, 140 STAGE/PART OF HOST/PREY I

---ATTACKED --. I

IS. INTENDED HOST/PREY-Gen., sp. (if different from blk.13J

120. REMARKS

, IS. ORIGINAL FOOD SOURCE OF
HOST/PREY

27. DATE OPENED 128.

I A.container I B. contents

(m,d,y) CONDITION RECEIVED

30. INVENTORY OF MATERIAL RECEIVED (use codes) 31. OTHER SPECIES INCLUDED OR EMERGED

Number and stages B. Number Emerged (stages) A.Order:Family and Genus, B. Determined by I C. No. and received (blk.2)
Beneficials Host/Prey species. author, If known (name & affiliation) Stages
Alive Dead Alive Dead Alive, Dead Huse codes-

DATE OF RECEIPT

(m,d,,)

ALS :~ ~.~ ~~~~~ I

;
~RE'c8~:-'''_JCIMENS FROM SHIPMENT !ETAINED BY RECEIVER

'es 0 No
number

Types of~

ffis!J

I [gst)

Locations (State, County, nearest Town or physical feature, map coordinates)
(Ule AD-942A for more details)

Number and stages released.
(lee codes)

|

@

Lab CULTure/studY

~. 0 B.ORelease intended

c.O No release Intended

SECTION III -REPORT OF RELEASE

SITE 1 SITE 2 --SITE 3 --

OField OGreenhouse OCage

I OField OGreenhouse OCage **I** OField OGreenhouse OCage

IOOther: OOther: OOther:

|

|

-----|-----|

|

Target hosts/prey at release A.. Primary -Genus, species
B. Other -Genus. species :. Families

32. REMARKS

Food (plant/animal/other) of target host/prey at release.

--
Released by (Name&affiliation)

REMARKS (use AD. 942A for more details)

m AD-942

135. INTENDED LAB HOST/PREY -Gen., sp.

REPORTED OR EXAMINED BY

(5/)

~

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[gs!J

PART 1 -DOCUMENTATION CENTER COPY

44. REPORTED BY I.A. Name

IB. Date (m,d,')

U.S. Department of Agriculture
BIOLOGICAL SHIPMENT RECORD -QUARANTINE FACILITY
(Shipment/Consignment from Quarantine)

SECTION I -REPORT OF MATERIAL SHIPPED, CONSIGNED or RELEASED

S. 8c STAGES SHIPPED (see codes)

TOTAL: DShipped directly DEmerged in Quarantine

~TES ORIGINALLY 11°. LOCATION- Country & Province/State of Origin

III. ORIGINAL COLECTORS ELD COLLECTED (m.d,y) I

(names&affiliationsJ

13. ORIGINAL HOST/PREY - Gen., sp. (or other food source)	14. STAGE/PART OF HOST/PREY ATTACKED
17. LAB HOST/PREY - Gen., sp. (if different from blk. 13)	

A.B CULTURED (F 1+)

Iverseas 0 No

1Quarantine

(number of generations)

aOrde(;Family --

c: Determ;;;'edby (names '& affili-;;;'tions)-

ATE s 22. REPRESENTATIVE ~ :1 23.PACKING/HANDLING I2A.SHI~PED VIA 25. SCREENED OR PACKAGED BY
nsigned (m,d,y,) SPECIM~ L!e!]

RETAINED

00 number: Usual Other (explain in blk. 20)

6, DATES TRANSFORMED TO STAGES SHIPPED

(month,day,year)

~46. V.S.
M NC *I,seffles*)
0 oi aD
00 bo

4. TYPE OF ORGANISM-explain MI & or
inblk.20
OParasite OWEed feeder 0 PRedator OPollinator OMicrobial DoT her

7. MATING O~ERVED

DYes % DNa

8. HOST / PREY / PEST MATERIAL.

PRESENT

DBeneficial with host/prey

10 Hostfprey/pest only 0 None

12. FOREIGN/OVERSEAS SOURCE

FILEN05.

18. INTENDED HOST/PREY-Gen.. sp. (if different from blk. 13)

120. REMARKS

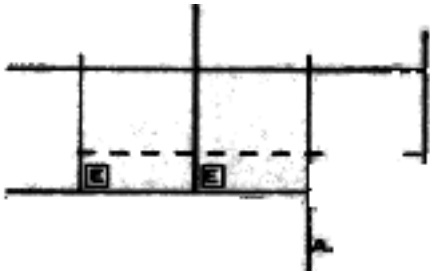
15. ORIGINAL FOOD SOURCE OF HOST/PREY

SECTION II --REPORT OF RECEIPT AND INTENDED USE

27. DATE OPENED (m,d,y)		
	28. REMARKS	C

ATE OF RECEIPT *n,d,y*)

30. INVENTORY OF MATERIAL RECEIVED (use codes) Number and stages B. Number Emerged (stages) received (blk.2)
Beneficials Host/Prey ~live Dead Alive Dead Alive Dead



ILS-

~

ECIMENS FROM SHIPMENT Lab culture/study 35.INTENDED LAB HOST/PREY -Gen sp ETAINED BY RECEIVER .,
 es DNo 0 B.DRelease intended
number c.D No release intended

SECTION III -REPORT OF RELEASE

SITE 1 SITE 2. SITE 3 --

[OField OGreenhouse Ocage OField OGreenhouse OCage

I OField OGreenhouse Ocage

:O~o~ IOOther: OOther:

@s!J

IEEstl

types of rel~a~ -- _ocations (State, County, learest Town or physical eature, map coordinates)
 Use AD-942A for more details)

~umber and stages released.

'Bee codes}

~ ---
)ates of release (m,d,y)

-arget hosts/prey at release \. Primary -Genus, species

28.

I A.container

CONDITION
 RECEIVED

I. Other -Genus, species
 :. Families

31.OTHER SPECIES INCLUOED OR EMERGED

A.Order: Family and Genus, B. Determined by species, author. If known (name & affiliation)

=ood (plant/animal/other) of target host/prey at release.

IB. Contents

Released by *(Name & affiliation)*

EMARKS *(use AD.942A for more details)*

29. REPORTED OR EXAMINED BY

.No. and
Stages
-fuse codes-

@!J

44. REPORTED BY

A. Name B-:--Q~!!--)'J-

n AD-942

(5,9(

PART 2 -QUARANTINE FACILITY COPY

u.s. Department of Agriculture
BIOLOGICAL SHIPMENT RECORD -QUARANTINE FACILITY
(Shipment/Consignment from Quarantine)

145. FINAL DETERMINATION --en.. sp., subsp.. autn.

MNC
DO DO

SECTION I -REPORT OF MATERIAL SHIPPED, CONSIGNED or RELEASED

NOS. & STAGES SHIPPED (see codes)

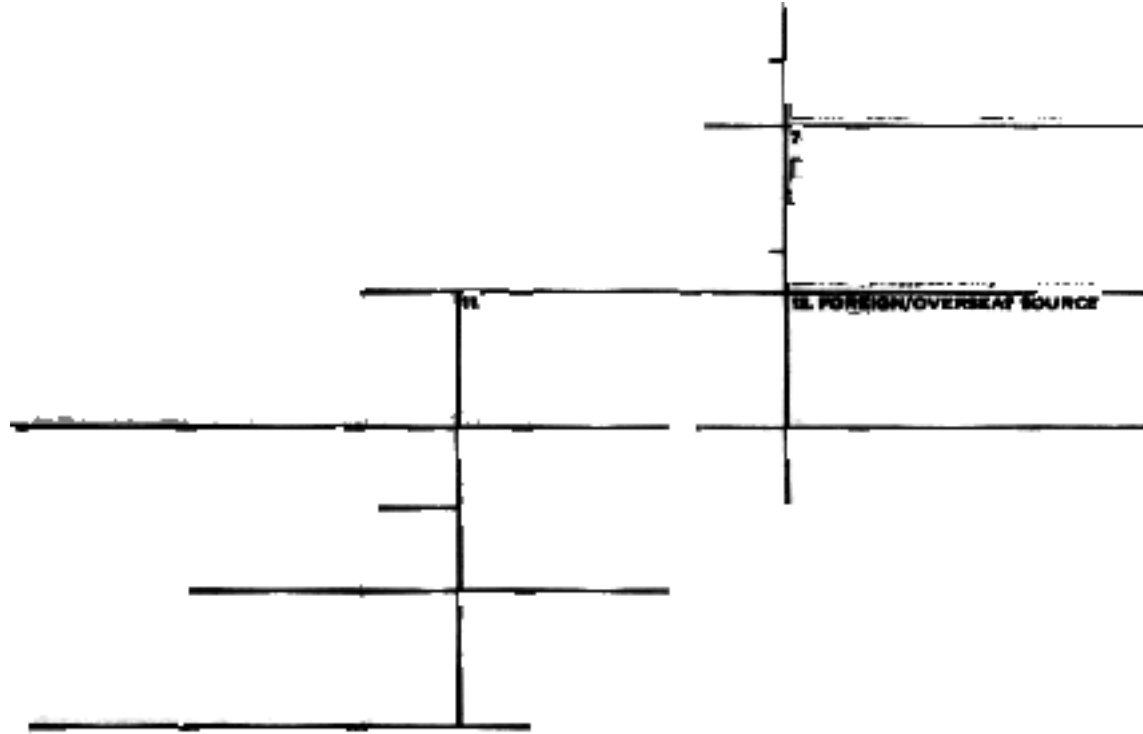
s!J

s!J

sO

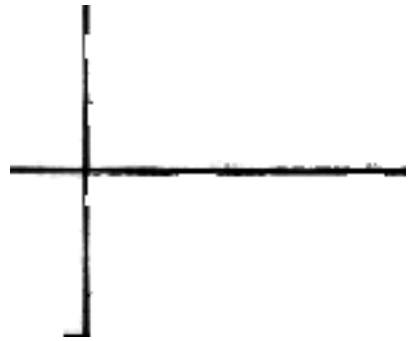
DATES ORIGINALLY

FIELD COLLECTED (m,d,y)



~ULTURED(TF 1+)

] Overseas 0 No



J In Quarantine

(number of generations)

SHIPPED/CONSIGNED TO

TOTAL:

10. ORIGIN- Country & Province) State of Origin

_____ |

IS: Order; Family

C: Order; Family

13. ORIGINAL HOST/PREY -Gen., sp. (or other food-source)

DATE shipped/ Iss. REPRESENTATIVE consigned (m,d,Y,i SPECIMENS
RETAINED number,

_____ | | | |

6. DATES TRANSFORMED TO STAGES SHIPPED I (month, day, year)

17. LAB HOST/PREY-Gen., sp. (if different from blk.13)

DShipped directly DEmerged in Quarantine

_____ |

4. TYPE OF ORGANISM-explain MI & or In blk.20

0 Parasite 0 Weed feeder 10 Predator 0 Pollinator
1: Microbial 0 Other

ORIGINAL COLLECTORS
(names & affiliations)

[Yes ~ 123, PACKING/HANDLING
IDusua' 0 Other *(explain in blk. 20)*

14. STAGE/PART OF HOST/PREY
ATTACKED

MATING OBSERVED

~Yes % DNA

8. HOST / PREY / PEST MATERIAL
PRESENT

Beneficial with host/prey
0 Host/prey/pest only 0 None

18. INTENDED HOST/PREY-Gen., sP. (if different from blk.13)

120. REMARKS

FILE NOS.

15. ORIGINAL FOOD SOURCE OF HOST/PREY

24.SHI~PED VIA ;~.SCREENED OR PACKAGED BY

SECTION II - REPORT OF RECEIPT AND INTENDED USE

DATE OF RECEIPT (m,d,y)		27. DATE OPENED (m,d,y)		28. CONDITION RECEIVED		A. Container		B. Contents		29. REPORTED OR EXAMINED BY	
30. INVENTORY OF MATERIAL RECEIVED (use codes) Number and stages received (blk.2)						31. OTHER SPECIES INCLUDED OR EMERGED					
A. Order (Family and Genus, species, author, if known)		B. Determined by (name & affiliation)		C. No. and Stages (use codes)		B. Number Emerged (stages)					
Beneficials		Host/Prey									
Alive		Dead		Alive		Dead					
32. REMARKS											
SPECIMENS FROM SHIPMENT RETAINED BY RECEIVER				34. INTENDED USE				35. INTENDED LAB HOST/PREY - Gen., sP.			
Yes <input type="checkbox"/> No <input type="checkbox"/>				Lab culture/study							
number				A. <input type="checkbox"/> Immediate release (complete Sec. III)				B. <input type="checkbox"/> Release intended			
				C. <input type="checkbox"/> No release intended							

SECTION III - REPORT OF RELEASE

		SITE 1			SITE 2			SITE 3			
Types of release		<input type="checkbox"/> Field <input type="checkbox"/> Greenhouse <input type="checkbox"/> Cage			<input type="checkbox"/> Field <input type="checkbox"/> Greenhouse <input type="checkbox"/> Cage			<input type="checkbox"/> Field <input type="checkbox"/> Greenhouse <input type="checkbox"/> Cage			
		<input type="checkbox"/> Other:			<input type="checkbox"/> Other:			<input type="checkbox"/> Other:			
Locations (State, County, nearest Town or physical feature, map coordinates) (Use AD-942A for more details)											
Number and stages released. (see codes)		[Est]			[Est]			[Est]			
Dates of release (m,d,y)											
Target hosts/prey at release											
A. Primary - Genus, species		-----			-----			-----			
B. Other - Genus, species		-----			-----			-----			
C. Families											
Food (plant/animal/other) of target host/prey at release.											
Released by (Name & affiliation)											
REMARKS (use AD-942A for more details)								44. REPORTED BY			
								A. Name			
								B. Date (m,d,y)			

m AD-942

'-III(

BIOLOGICAL SHIPMENT RECORD - QUARANTINE FACILITY

(Shipment/Consignment from Quarantine)

45. FINAL DETERMINATION - Gen., sp., subsp., auth.

46. V.S. (see files)

a

M

NC

a

b

b

SECTION I - REPORT OF MATERIAL SHIPPED, CONSIGNED or RELEASED

1. ROM (Quarantine facility - name and address)		2. ORGANISM SHIPPED - A. Gen., sp., subsp., auth. <input checked="" type="checkbox"/> M		3. QUARANTINE FILE NO.	
4. DATES & STAGES SHIPPED (see codes)		B. Order: Family		4. TYPE OF ORGANISM - explain M & OI in blk. 20	
		C. Determined by (names & affiliations)		<input type="checkbox"/> Parasite <input type="checkbox"/> Weed feeder <input type="checkbox"/> Predator <input type="checkbox"/> Pollinator <input type="checkbox"/> Microbial <input type="checkbox"/> Other	
5. DATES TRANSFERRED TO STAGES SHIPPED (month, day, year)		<input type="checkbox"/> Shipped directly <input type="checkbox"/> Emerged in Quarantine		7. MATING OBSERVED	
				<input type="checkbox"/> Yes _____ % <input type="checkbox"/> No	
6. DATES ORIGINALLY FIELD COLLECTED (m, d, y)		10. LOCATION - Country & Province/State of Origin		11. ORIGINAL COLLECTORS (names & affiliations)	
7. LAB CULTURED (F, +) Overseas <input type="checkbox"/> No In Quarantine (number of generations)		13. ORIGINAL HOST/PREY - Gen., sp. (or other food source)		14. STAGE/PART OF HOST/PREY ATTACKED	
8. TOTAL:		17. LAB HOST/PREY - Gen., sp. (if different from blk. 13)		15. ORIGINAL FOOD SOURCE OF HOST/PREY	
9. SHIPPED/CONSIGNEE TO		18. INTENDED HOST/PREY - Gen., sp. (if different from blk. 13)		12. FOREIGN/OVERSEAS SOURCE FILE NOS.	
19. DATE SHIPPED/consigned (m, d, y)		22. REPRESENTATIVE SPECIMENS RETAINED number: <input type="checkbox"/> Yes <input type="checkbox"/> No		23. PACKING/HANDLING <input type="checkbox"/> Usual <input type="checkbox"/> Other (explain in blk. 20)	
		24. SHIPPED VIA		25. SCREENED OR PACKAGED BY	

SECTION II - REPORT OF RECEIPT AND INTENDED USE

26. DATE OF RECEIPT (m, d, y)		27. DATE OPENED (m, d, y)		28. CONDITION RECEIVED		A. Container		B. Contents		29. REPORTED OR EXAMINED BY	
30. INVENTORY OF MATERIAL RECEIVED (use codes)				31. OTHER SPECIES INCLUDED OR EMERGED							
Number and stages received (blk. 2)		B. Number Emerged (stages)		A. Order: Family and Genus, species, author, if known				B. Determined by name & affiliation		C. No. and Stages (use codes)	
Alive	Dead	Alive	Dead	Alive	Dead						
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
32. REMARKS				33. INTENDED USE							
34. INTENDED USE				Lab culture/study				35. INTENDED LAB HOST/PREY - Gen., sp.			
<input type="checkbox"/> Immediate release (complete Sec. III)				<input type="checkbox"/> Release intended							
<input type="checkbox"/> No				<input type="checkbox"/> No release intended							

SECTION III - REPORT OF RELEASE

Types of release		
SITE 1	SITE 2	SITE 3
<input type="checkbox"/> Field <input type="checkbox"/> Greenhouse <input type="checkbox"/> Cage	<input type="checkbox"/> Field <input type="checkbox"/> Greenhouse <input type="checkbox"/> Cage	<input type="checkbox"/> Field <input type="checkbox"/> Greenhouse <input type="checkbox"/> Cage
<input type="checkbox"/> Other:	<input type="checkbox"/> Other:	<input type="checkbox"/> Other:
Locations (State, County, nearest Town or physical feature, map coordinates) (Use AD-942A for more details)		
<input type="checkbox"/> Est	<input type="checkbox"/> Est	<input type="checkbox"/> Est

REMARKS (use AD-942A-for more details)

on AD-942

(5/%

,44.REPORTED BY

!A. Name

~_Qat_e (m.d.y)

-CODES -

NOTE: Use combination of Invertebrates and Plants codes for weed feeders and other phytophages shipped in or *with* plant host material (e.g., L in SH, A with FO).

INVERTEBRATES PLANTS

A -adults PL -whole plant ST -stems

M -male SO -seeds RT -roots

F -female SH -seed heads TU -tubers

E -eggs SP -seed pods FO -foliage

L -larvae (for holometabola) RS -rosette LV -leaf,leaves N -nymphs (for heterometabol-) FL -flowers

J -juveniles (for nematodes)

P -pupae, puparia

C -cocoons (can also be A in C, or P in C)

MU -mummies, cadavers

PH () -parasitized host -give stage and

estimated % parasitized

(e.g., PHA, PH L. PHE, etc., 70%J

H -host

MICROBIAL ORGANISMS -not including nematodes MI -cultures or isolates of microbial pathogens, antagonists, and competitors; fungi, bacteria, viruses, rickettsia, protozoa

D[] -disease suspects for pathogen diagnosis

(e.g., DPL, DFO, etc. -plant and plant parts; DHA. DHE. etc. -invertebrate stages)

-ROUTING AND COPY DISTRIBUTION-

QUARANTINE FACILITY

1. Retain Shipper (Pending Copy J (Part 4J

2. Send remaining 3 copies and original cover sheet with materia! shipped.

3. When copies of completed form are returned by receiver -

.Send Documentation Center Copy (Part tJ and original cover sheet to Beneficial Insect Introduction Laboratory, BARC-East, ARS, USDA, Beltsville, Maryland 20705.

.Retain Quarantine Facility Copy (Part 2J for your records; discard Shipper (Pending) Copy.

.If Form AD.942A is used -photocopy for your records and for receiver, if requested.

RECEIVER

1. When form is completed (Section III is completed,or blocks 32B or C are checked) -return copies 1 and 2, and original cover sheet, to originating Quarantine Facility.

2. Retain Receiver Copy (Part 3J for your records.

3. If Form AD -942A is used -photocopy for your records or request photocopy from Quarantine Facility.

Public reporting burden for this collection of information is estimated to average 5 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any

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and the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D. C. 20503.