CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE

MEMORANDUM

Signed original on file;
Received on November 2, 2026

Date: October 30, 2026

To: Melissa Miller-Henson
Executive Director
California Fish and Game Commission

From: Meghan Hertel, Director

Subject: **Agenda Item for the February 2027 Meeting: Approval of Restricted Species Permit Application to Possess Transgenic Species**

Pomona College has applied for a Restricted Species Permit to possess three transgenic invertebrate species: transgenic painted sea urchin (*Lytechinus pictus*), transgenic starlet sea anemone (*Nematostella vectensis*), and transgenic three-banded panther worm (*Hofstenia miamia*). In accordance with California Code of Regulations (CCR), Title 14, Section 671.1(a)(8)(H), all approved applications to possess a transgenic aquatic animal shall be reviewed by the California Fish and Game Commission (Commission) at a regularly scheduled meeting. The Commission may deny the issuance of a permit if it determines that the applicant is unable to meet the regulatory requirements for the importation, transportation, possession, and confinement of transgenic aquatic animals.

The transgenic urchins, anemones, and worms will be used for developmental biological research. Pomona College has agreed to comply with containment and security requirements specified in CCR, Title 14, Section 671.1(a)(8). California Department of Fish and Wildlife (Department) Marine Region staff have coordinated with the Shellfish Health Lab in reviewing the permit. The Department recommends issuing Pomona College a Restricted Species Permit to possess transgenic painted urchins, anemones, and worms.

If you have any questions or need additional information on this matter, please contact Dr. Craig Shuman, Marine Regional Manager at R7RegionalMgr@wildlife.ca.gov.

Attachment: Pomona College Restricted Species Permit Application

ec: Chad Dibble, Deputy Director
Wildlife and Fisheries Division

Craig Shuman D.Env., Regional Manager
Marine Region

Kirsten Ramey, Program Manager
Marine Region

Adam Frimodig, Senior Environmental Scientist
Marine Region

Sara Briley, Environmental Scientist
Marine Region

Colleen Burge, PhD, Shellfish Pathologist and Research Scientist Supervisor
Fisheries Branch

State of California – Department of Fish and Wildlife

2026 NEW RESTRICTED SPECIES PERMIT APPLICATION

DFW 1312 (REV. 10/28/25) Page 1 of 2

SAVE PRINT CLEAR

IMPORTANT! YOU MAY NOT OBTAIN ANIMALS PRIOR TO APPROVAL

PERMIT WILL BE ISSUED IN ☐ **INDIVIDUAL NAME** ■ **BUSINESS NAME**

CDFW USE ONLY
PERMIT NUMBER

SEE INSTRUCTIONS ON REVERSE. TYPE OR PRINT CLEARLY.

FIRST NAME	M.I.	LAST NAME	EMAIL ADDRESS
Paul	A	Bump	Paul.Bump@pomona.edu

BUSINESS NAME *(If applicable)*	DRIVER'S LICENSE OR DMV ID NUMBER/STATE	DATE OF BIRTH
Pomona College	E1318467	07/30/1991

MAILING ADDRESS	CONTACT NAME	CONTACT TITLE
175 West 6th Street	Paul Bump	Assistant Professor

CITY	STATE	ZIP CODE	BUSINESS TELEPHONE
Claremont	CA	91711	909-621-8605

STREET ADDRESS *(If different from mailing address)*	DAY TELEPHONE
609 North College Avenue	626-608-8283

CITY	STATE	ZIP CODE
Claremont	CA	91711

CHECK TYPE OF PERMIT **Fees includes a nonrefundable three percent (3%) application fee, not to exceed $7.50 per item. (Section 700.4, Title 14, California Code of Regulations (CCR)).*

- ☐ ANIMAL CARE WELFARE SPECIES $79.83
- ☐ ANIMAL CARE DETRIMENTAL SPECIES 652.25
- ☐ AQUACULTURE..... 652.25
- ☐ AZA DETRIMENTAL SPECIES 652.25
- ☐ BREEDING..... 652.25
- ☐ NONRESIDENT BROKER/DEALER..... 1,297.00
- ☐ NONRESIDENT EXHIBITING..... 1,297.00
- ☐ NONRESIDENT NUISANCE BIRD ABATEMENT..... 1,297.00
- ■ RESEARCH DETRIMENTAL SPECIES $652.25
- ☐ RESIDENT** BROKER/DEALER 652.25
- ☐ RESIDENT** EXHIBITING 652.25
- ☐ RESIDENT** NUISANCE BIRD ABATEMENT 652.25
- ☐ SHELTER 79.83
- ☐ SINGLE EVENT BREEDING 79.83
- ☐ FISH 652.25

**Resident means any person who has resided continuously in the State of California for six months or more immediately prior to the date of their application for a license or permit, any person on active military duty with the Armed Forces of the United States or auxiliary branch thereof, or any person enrolled in the Job Corps established pursuant to Section 2883 of Title 29 of the United States Code.

STANDARD INSPECTION FEE IS BASED ON THE NUMBER OF ENCLOSURES

CHECK NUMBER OF ENCLOSURES

- ■ 1-5 ENCLOSURES.....$319.50
- ☐ 6-25 ENCLOSURES.....448.00
- ☐ 26-50 ENCLOSURES.....730.00
- ☐ 51-100 ENCLOSURES.....1,147.50
- ☐ 101-500+ ENCLOSURES..... .....4,234.50

PERMIT(S) FEE SUBTOTAL.....$	971.75
NONREFUNDABLE APPLICATION FEE.....$	155.53
STANDARD INSPECTION FEE *(write-in inspection fee here)*	
**AQUACULTURE INSPECTION FEE.....$2,124.75	
Applicants for aquaculture permits shall pay this inspection fee	
***ELE/MOU INSPECTION FEE.....$619.25	
Applicants for research permits may pay the ELE/MOU inspection fee in lieu of the standard inspection fee***	
GRAND TOTAL.....$	1,127.28

WILL ANIMALS BE IMPORTED INTO CALIFORNIA? ■ **YES, COMPLETE IMPORTATION SECTION** ■ **NO, EXPLAIN:** Lytechnius pictus are in CA

IMPORTATION ONLY - COMPLETE NEXT PORTION OF THE APPLICATION IF YOU ARE IMPORTING ANIMALS INTO CALIFORNIA

LIST SPECIES TO BE IMPORTED	NUMBER OF ANIMALS	ORIGIN *(State or Country)*
Hofstenia miamia	100	Massachusettes

PERSON/BUSINESS SHIPPING ANIMALS	DAY TELEPHONE
Marcela Bolaños	

ADDRESS	CITY	STATE	ZIP CODE
52 Oxford Street Northwest Laboratories, Room 202	Cambridge	MA	02138

NAME OF CARRIER	POINT OF ENTRY INTO CALIFORNIA
To Be Determined	To Be Determined

I certify under penalty of perjury under the laws and regulations of the State of California that all information on this application is true and correct and I am not violating any city or county laws. I agree to comply with the provisions of Section 671, Title 14, of the CCR. I understand it is unlawful to use or possess a permit which was obtained by fraud or deceit (Fish and Game Code Section 1052b). I understand that if this information is found to be untrue or incorrect, the permit will be considered invalid and must be surrendered where purchased and I will be subject to criminal prosecution. I further understand that failure to comply with the terms and conditions of a permit may result in revocation of current permit and/or denial of future permits. Violation of this section is a misdemeanor, punishable by fine of not more than $1,000.00, imprisonment in the county jail for not more than six months, or both the fine and the imprisonment In addition I may be subject to civil penalties as stated in Fish and Game Code Section 2125.I further certify that the animal(s) and their housing will be inspected at least once more within the next six months.

APPLICANT'S SIGNATURE *(Must be in ink)*	DATE
x Paul A Bump	07/24/26

FOR DEPARTMENT OF FISH AND WILDLIFE USE ONLY

REVIEWED BY/DATE	TRANSACTION #	GO ID NUMBER	ISSUED BY/DATE
			RECEIVED

JUL 29 2026

BY LRB

INSTRUCTIONS FOR COMPLETING THE NEW RESTRICTED SPECIES PERMIT APPLICATION

Read the enclosed California Department of Fish and Wildlife (Department) Manual No. 671 - Importation, Transportation and Possession of Restricted Species before completing the application. The manual will provide you with a list of animals for which a permit is required in California, a description of authorized permit activities, and caging requirements.
Please allow 90 business days for processing your application and Department inspection. Applications for transgenic species must go before the Fish and Game Commission, so you must allow an additional 30 business days. **Incomplete applications will be returned and may delay the issuance of your permit. Contact the License and Revenue Branch at (916) 928-5846 or SPU@wildlife.ca.gov if you need additional information regarding restricted species permits.**

To complete this application, you must:

1. It is mandatory to complete all items unless exempted.
2. Sign and date the application in ink (an **original** signature is required).
3. Applicant must submit the inspection fee based on the number of enclosures that will be inspected, except for those applying for aquaculture, fish and research permits*, aquaculture application must submit the aquaculture inspection fee. * Research applicants may choose to pay either the standard inspection fee or the ELE/MOU inspection fee.
4. Provide an inventory of animals (DFW 1313). List animals you are qualified to possess, wish to acquire within the next year, and for which housing will be inspected. An original signature in ink is required.
5. Provide any other supporting documentation required by regulations.
6. Mail the completed application and supporting documentation with a cashier's check, money order, personal or business check*, or credit card** authorization form with the appropriate fee to the Department of Fish and Wildlife, License and Revenue Branch, PO Box 944209, Sacramento, CA 94244-2090 or apply in person. **DO NOT SEND CASH.**

IMPORTANT: New applicants must also provide the following supporting documentation, except as otherwise indicated. Exceptions: Applications for animal care, aquaculture and fish are exempt from a, b, c, d and g. Applications for AZA and research permits are exempt from a, b, c, and g. Applications for broker/dealer are exempt from b, c and g.

a. A statement of purpose describing in detail the planned use for each animal. Applicants shall include relevant materials, as appropriate, including any lists of prospective clients with their contact information or contracts with clients or websites, scripts, brochures or flyers promoting or describing the planned use of the animals. If the animals will be used in an educational program, the applicant shall provide an explanation why live restricted species are necessary and samples of the educational material and message that will be distributed (not required for breeding and single event breeding applications).
b. A resume that provides dates and details documenting you or your full-time employee's qualifying experience caring for restricted animals at a facility engaged in a similar or directly related activity to the permit requested and for the animal(s) to be acquired. This experience shall have been acquired within the previous five years and include a total of at least one-year full-time hands-on experience caring for a species in the same family or closely related taxonomic family as the species requested.
c. A letter of recommendation, written within the previous five years on **letterhead stationery, with an original signature,** from the facility where you or your full-time employee gained the experience, documenting the quality and extent of the knowledge and experience, as related to the species and permit requested.
d. A copy of the U. S. Department of Agriculture (USDA) license (required only for mammals) and most recently completed USDA facility inspection report. This requirement is waived for new resident applicants. If approved, new resident permittees that have mammals must apply for and obtain a USDA license. Upon receipt of the license from USDA, the resident permittee must provide the Department with a copy within 10 business days of receipt (not required for animal care, nuisance bird abatement and shelter (non-exhibiting) applications).
e. A copy of your Emergency Action Plan.
f. A current map of all enclosures housing restricted species in California listed on the inventory of animals.
g. A written statement detailing the type of business that will be conducted with the animals requested (required for aquaculture and fish applications only).
h. A copy of your Breeding Plan (required for breeding and single event breeding applications only).
i. Applicants for nonresident exhibiting permits shall submit a copy of their current and valid contract or other written confirmation that specifies each place and length of time where the exhibition will take place in California. If no contract is in effect at the time of application, copies of past contracts and/or written descriptions of anticipated performances being negotiated shall be substituted. In addition, applicants shall submit a completed Restricted Species Nonresident Exhibiting Permit Itinerary form (DFW 1316).
j. A copy of your United States Fish and Wildlife Service (USFWS) permit if a permit is required by the USFWS for the restricted species animal(s) for which you applied. The Department may waive compliance for initial applications by California residents. If approved new resident permittees must apply for and obtain a USFWS permit. Upon receipt of the USFWS permit, the resident permittee must provide the Department with a copy within 10 business days of receipt.
k. Applicants for a research permit shall include proof that the applicant is part of a federal program or have a permit meeting or exceeding federal requirements such as those under the NIH guidelines administered by an IACUC. In addition, applicants who are not a university, college or government research agency, shall submit the following: (1) at least one letter of recommendation from a university, college, governmental research agency or other bona fide scientific research institution, as recognized by the Department, with expertise with the species and in the field of the proposed project. The letter must contain specific reasons for the support and a statement verifying that the anticipated results are reasonably achievable using the species and techniques described; (2) a description of the proposed project stating the objectives, and if experimental or manipulative, a study plan based on the "Scientific Method"; (3) the estimated completion date of the project; and (4) the anticipated benefits of this research.

IMPORTANT INFORMATION FROM THE CALIFORNIA DEPARTMENT OF PUBLIC HEALTH

The California Department of Public Health (CDPH) has regulatory authority over the importation of specified carnivores (including skunks and raccoons), nonhuman primates and bats, due to potential health hazards.
Section 2606.8, Title 17, of the CCR, prohibits the importation of skunks because the hazard to the public from exposure to rabies is extremely high. The CDPH is concerned that certain wild animals could carry rabies and introduce new strains of rabies into the state of California. Therefore, the Department routinely denies requests for the importation and possession of skunks and raccoons. Exceptions may rarely be made for zoological or research institutions demonstrating an extraordinary need. The importation of other specified carnivores, bats, or nonhuman primates may be allowed under a CDPH permit in certain circumstances. **For more information on CDPH permits, please contact them at (916) 552-9740.**

INDIVIDUAL AND BUSINESS IDENTIFICATION REQUIREMENTS

Section 700.4(c), Title 14, of the CCR states any applicant applying for any license, tag, permit, reservation or other entitlement issued via the Automated License Data System (ALDS) shall provide valid identification. Acceptable forms of individual identification include:

- Any license document or Get Outdoors identification number (GO ID) previously issued via ALDS
- A valid driver's license or identification card issued to him or her by the Department of Motor Vehicles or by the entity issuing driver's licenses from the licensee's state of domicile
- US Military Identification Cards (Active or reserve duty, dependent, retired member, discharged from service, medical/religious personnel)
- US Certificate or Report of Birth Abroad
- US Birth Certificate
- Tribal Identification Card, as defined by each sovereign tribal nation
- US Passport
- A foreign government-issued photo identification
- Certificate of Naturalization or Citizenship
- Birth Certificate or passport issued from a US Territory

NOTICE

Disclosure Statement—Under Section 671.1, Title 14, of the CCR, the Department of Fish and Wildlife is authorized to collect information from applicants to maintain a record of licensure. All information requested on this application is mandatory unless otherwise indicated. All information except the street address and telephone number of the applicant may be provided to the public, if requested. All information related to a business may be released, including the residence address if it is the same as the business address. Other personal information submitted on this application may be released for law enforcement purposes, pursuant to court order, or for official natural resources management purposes.

A licensee may obtain a copy of his/her license records maintained by the Department by submitting a written request to the Custodian of Records, at the Department of Fish and Wildlife, License and Revenue Branch, PO Box 944209, Sacramento, CA 94244-2090. All requests must include the requester's name, address, and telephone number.

PAYMENT POLICY

*** Personal or business checks** will be accepted by the Department if name and address are imprinted on the check. Checks returned to the Department due to insufficient funds will render your permit invalid. The Department may also deny the issuance or renewal of any permit if a person has failed to reimburse the Department for the amount due. Any activity performed without a valid permit is a violation of the Fish and Game Code and therefore subject to enforcement action.
**** Credit Cards**—Licenses, permits, tags, stamps, or registrations may be purchased with a Visa or MasterCard.

State of California – Department of Fish and Wildlife

RESTRICTED SPECIES PERMIT INVENTORY OF ANIMALS

DFW 1313 (REV. 10/28/25)

SAVE PRINT CLEAR

INSTRUCTIONS: TYPE OR PRINT CLEARLY IN INK. It is mandatory to complete all items. Incomplete forms will be returned. Copy and attach additional pages if necessary. Each page must be signed and dated by the applicant.

APPLICANT'S FIRST NAME	M.I.	LAST NAME
Paul	A	Bump

BUSINESS NAME (IF APPLICABLE)	NUMBER OF ENCLOSURES
Pomona College	1

LOCATION OF ANIMAL(S) HOUSING: Note: Animals being held at multiple locations require inspection by the Department to determine that each of those facilities meet minimum applicable housing requirements as set forth in subsection 671.1(a)(8)(A-F), Section 671.2 (nonresident only), Sections 671.3-671.4 and/or 671.7, Title 14, of the California Code of Regulations (CCR).

ADDRESS	CITY	STATE	ZIP CODE	COUNTY
609 North College Avenue	Claremont	CA	91711	Los Angeles
ADDRESS	CITY	STATE	ZIP CODE	COUNTY

List all restricted animals in your possession or **TO BE ACQUIRED** in the following order: mammals, birds, fish, or reptiles. Group animals by order, family, and species. Use the following letters to denote sex: M=Male, F=Female, and U=Neutered or Unknown. Mark an "X" in the **TO BE ACQUIRED** column for animals to be acquired within the next year. **Unique Identifiers:** Use the following letters to denote unique identifying methods (See Section 671.1(c)(3)(J), Title 14, of the CCR): M=Microchip, T=Tattoo, and A=Alternative Method. Aquaculture and fish applicants: Identify the actual number in the ID number field and identify either W=Weight, V=Volume or C=Count in the method field. Remember to complete the **Importation Only Section** of the **Restricted Species Permit Application** for animals being imported into California. For California Residents Only: All native species obtained from a licensed California Wildlife Rehabilitation Facility require a Native Species Exhibiting Permit. Contact the License and Revenue Branch at (916) 928-5846 or SPU@wildlife.ca.gov if you need additional information.

COMMON NAME	SCIENTIFIC NAME	ID NUMBER	METHOD	SEX	AGE	TO BE ACQUIRED
Painted sea urchin	Lytechinus pictus			U		X
Starlet sea anemone	Nematostella vectensis			U		X
Three-banded panther worm	Hofstenia miamia			U		X

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I certify under penalty of perjury under the laws and regulations of the State of California that all information on this Restricted Species Permit Inventory of Animals form is true and correct. I understand that false or incomplete information may result in denial or revocation of a permit and/or criminal prosecution.

APPLICANT'S SIGNATURE (MUST BE IN INK)	DATE
X Paul A Bump	07/24/26

Emergency Action Plan for Detrimental Species

Pomona College July 23rd, 2026

a. List of the re-capture equipment available, including but not limited to darting equipment, nets, traps, and chemical immobilization drugs:
    a. *Glass bowls and transfer pipettes for invertebrates*
b. Description of humane lethal dispatch methods for various animals and a list of qualified personnel who are trained to carry out the methods:
    a. *Immersion in tricaine methane sulfonate (MS-222) or exposure to cold/freezing temperatures.*
    b. *List of qualified personnel: Trained Pomona College animal facility staff, faculty, and students*
c. List of medical supplies/first aid kits and where they are located:
    a. *Emergency medical supplies and kits containing medical supplies are located in animal facilities and labs*
d. Description of mobile transport cages and equipment on hand:
    a. *Tupperware of appropriate sizes*
e. List of emergency telephone numbers that includes the local department regional office, 911, and animal control agencies:
    a. *Department of fish and game office in Ontario at 909-484-0167*
    b. *Claremont police at 909-399-5411.*
    c. *Pomona Campus safety x72000 (909-607-2000).*
f. Written plan of action for emergencies:
    a. Pomona College Animal Facility has a full Disaster Plan which is provided below.

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Disaster Plan
Pomona College Animal Facility

In case of an emergency, contact:

Patricia Montano (*Facility Manager*)	Work: 909-621-8670 Cell: 909-630-8058
Dr. Jonathan King (*IACUC Chair*)	Work: 607-1025 Cell: 909-560-7683
Dr. Marissa Saenz (*Attending Vet*)	Cell: 818-621-0014
Campus Safety	909-607-2000

In case of natural disasters (such as flood, fire, earthquake)

Normal evacuation procedures apply under all circumstances. A structural assessment of the Seaver South

Laboratories will be prioritized by the Emergency Response Task Force (ERT) to expedite the assessment of the Animal Care Facility. Re-entry of Seaver South must take place only following authorization from the Building Chair.

If the animal facility is non-operational but safe for entry, the following policy will be adopted:

Facility manager, Patricia Montano, in consultation with CUC Central Facilities, will assess the nature of any disruption of facilities (power, water, lighting, HVAC) and will consult with the IACUC Chair to evaluate the impacts on each captive species. If the estimated time to restore normal operations is incompatible with housing one or more species, the following will be taken:

Option 1: Move animals to a nearby operational facility following consultation with specific PIs. Our primary and secondary contacts for emergency relocation are the W.M. Keck Science Center (Claremont) and Cal Poly Pomona.

W.M. Keck
Science
Center 925 N
Mills Ave.

Claremont, CA 91711

California State Polytechnic University, Pomona

500 Kellog Drive

Pomona, CA 91768

Option 2: If relocation is not practicable, animals will be euthanized following consultation with the Campus Veterinarian. Facilities and standard operating procedures for euthanizing each species is located in room B016.

Updated 10/14/25

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Map of Enclosures Housing Restricted Species

Lytechinus pictus, *Nematostella vectensis*, and *Hofstenia miamia* will all be kept in Tupperware boxes within a temperature controlled Percival incubator within a controlled access aquaria room.

Example of Percival incubator and Tupperware boxes are provided below:





An example of a single wildtype *Hofstenia* is provided for scale:



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BY LRB

accredit@aaalac.org
www.aaalac.org

March 3, 2026

Stephen Marks
Associate Dean
and Institutional Official
Pomona College
609 North College Avenue
Alexander 234
Claremont, CA 91711

Dear Mr. Marks:

The AAALAC International Council on Accreditation has reviewed the report of the recent site visit to Pomona College, Claremont, California. The Council commends you and the staff for providing and maintaining an excellent program of animal care and use. Especially noteworthy were the clean and well-maintained facilities; the zebra finch social housing and the highly enriched aviary; the appearance of healthy and well cared for animals; the engaged and knowledgeable staff; the experienced and active Institutional Animal Care and Use Committee members; and the commitment to undergraduate training and research. The Council is pleased to inform you that the program conforms with AAALAC International standards as set forth by the Rules of Accreditation. Therefore, **FULL ACCREDITATION** shall continue.

Council acknowledges receipt of the correspondence dated December 3, 2025 detailing actions taken relative to concerns expressed by the site visitors during the exit briefing. Specifically, the items addressed satisfactorily included: involving trained health professionals in the Occupational Health and Safety Program; evaluating allergen risks to personnel; ensuring feed is free of contamination and pests; implementing a process to evaluate the effectiveness of sanitation; and updating the Adverse Event Plan to include prompt reporting to AAALAC International.

Council has no further recommendations to offer for improvement of the animal care and use program at this time. We look forward to following your program activities and wish you continued success.

AAALAC International requires an Annual Report that describes any changes made during the year in accredited units. Submitting this report is required to maintain accreditation. In the meantime, AAALAC International should be promptly informed of any significant program changes or adverse events. Guidance on these reporting requirements may be found at aaalac.org. If requested, AAALAC International can also provide a separate letter confirming that your animal care and use program is accredited.

Should you have any questions regarding your participation in the AAALAC International accreditation program, please feel free to contact the staff at the Executive Office.

Sincerely,

David G. Schabdach, D.V.M., M.S.
President, Council on Accreditation

DGS:cma
000352

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Asia-Pacific Office:
Samutprakarn, Thailand
t: +662 002 9843
f: +662 002 9843
asiapacific@aaalac.org

European Office:
Pamplona, Spain
tel: +34 948 100026
fax: +301 696 9627
europe@aaalac.org

North American Office:
5205 Chairman's Court, Suite 300
Frederick, MD USA 21703
tel: +301 696 9626
fax: +301 696 9627

Outlook

Re: 2026 NEW Restricted Species Permit Application - Pomona College

From Hayes, Alyssa@Wildlife <Alyssa.Hayes@Wildlife.ca.gov>
Date Tue 8/4/2026 4:38 PM
To Paul Bump <Paul.Bump@pomona.edu>
Cc Patricia Montano <Patricia.Montano@pomona.edu>

1 attachment (176 KB)
DFW Letterhead 671 MOU.pdf;

Good afternoon Paul,

Thank you for your response.

I have made note of the inventory preferences both transgenic and their wild counterparts.

Regarding the MOU conversation, I believe I recall possibly speaking with Patricia about opting out of the MOU request this time around in favor of time (please see a copy of the MOU paperwork above so that you may decide whether your facility meets MOU criteria and/or if the MOU suits your facility's needs). You may apply for an MOU at renewal time next year if you feel your facility meets the requirements. Let me know if you change your mind and are interested in entering into an MOU since there is still time. **Note**: if you do decide you would like to enter into MOU, please do not fill out the form attached. I will send you a new copy. The copy attached above is for your reference of the requirements.

I will send your application on for issuance in the meantime.

Let me know if you have any additional questions or concerns.

Thank you!

Alyssa Hayes
Restricted Species Analyst, Special Permit Unit
License and Revenue Branch
alyssa.hayes@wildlife.ca.gov
Phone: (916) 902-9120

CALIFORNIA DEPARTMENT OF FISH and WILDLIFE



From: Paul Bump <Paul.Bump@pomona.edu>
Sent: Friday, July 31, 2026 6:16 AM
To: Hayes, Alyssa@Wildlife <Alyssa.Hayes@Wildlife.ca.gov>

Cc: Patricia Montano <Patricia.Montano@pomona.edu>
Subject: Re: 2026 NEW Restricted Species Permit Application - Pomona College

WARNING: This message is from an external source. Verify the sender and exercise caution when clicking links or opening attachments.

Hi Alyssa,

Thank you so much for confirming that you've received our application!

To answer your questions:

The species listed on the inventory are painted sea urchin (Lytechinus pictus), starlet sea anemone (Nematostella vectensis), and three-banded panther worm (Hofstenia miamia). Will any of these species be transgenic? If so, which ones? Will you have different populations of transgenic vs non-transgenic species (i.e possessing both transgenic painted urchins and non-transgenic painted urchins of the same species)?

Yes, once the restricted species permit is approved we will hopefully have transgenic individuals of each of these species. We also plan on having wild type (non-transgenic) individuals of each of the three species.

Lastly, please remind me, was your facility interested in pursuing an MOU with the Department? Or is your facility content with Department inspections?

We might be interested in pursuing an MOU with the Department, I wasn't sure who would be considered qualified to do the inspection of the enclosures. Would you be able to explain that a little further? I was under the impression that the most expedient thing would be to move forward with the department inspection for this year and pursue at MOU in the future.

Please let me know if you have any other questions or if there is any other information I can provide to help clarify any of this.

We appreciate your help navigating this process!

Best,
Paul

From: Hayes, Alyssa@Wildlife <Alyssa.Hayes@Wildlife.ca.gov>
Sent: Thursday, July 30, 2026 8:30 AM
To: Paul Bump <Paul.Bump@pomona.edu>
Cc: Patricia Montano <Patricia.Montano@pomona.edu>
Subject: Re: 2026 NEW Restricted Species Permit Application - Pomona College

Good morning Paul.

California Department of Fish and Wildlife received the new restricted species permit application for Pomona College.

I had a few follow up questions.

The species listed on the inventory are painted sea urchin (*Lytechinus pictus*), starlet sea anemone (*Nematostella vectensis*), and three-banded panther worm (*Hofstenia miamia*). Will any of these species be transgenic? If so, which ones? Will you have different populations of transgenic vs non-transgenic species (i.e possessing both transgenic painted urchins and non-transgenic painted urchins of the same species)?

Lastly, please remind me, was your facility interested in pursuing an MOU with the Department? Or is your facility content with Department inspections?

Thank you,

Alyssa Hayes
Restricted Species Analyst, Special Permit Unit
License and Revenue Branch
alyssa.hayes@wildlife.ca.gov
Phone: (916) 902-9120

CALIFORNIA DEPARTMENT OF FISH and WILDLIFE



From: Paul Bump <Paul.Bump@pomona.edu>
Sent: Friday, July 24, 2026 2:44 PM
To: Patricia Montano <Patricia.Montano@pomona.edu>; Hayes, Alyssa@Wildlife <Alyssa.Hayes@Wildlife.ca.gov>
Subject: Re: 2026 NEW Restricted Species Permit Application - Pomona College

You don't often get email from paul.bump@pomona.edu. Learn why this is important

WARNING: This message is from an external source. Verify the sender and exercise caution when clicking links or opening attachments.

Hi Alyssa,

Thank you so much for your help! With Patricia's assistance I've been able to complete the application and have placed it in the mail today.

I'm not sure if you are the person who will receive it at CDFW, but if you are please don't hesitate to let us know if you have any questions about our application or if there is anything we can clarify.

We appreciate your help with this process!

Best,
Paul Bump

--
Paul Bump (he/him)
Assistant Professor of Biology
Pomona College
Bump Lab

From: Patricia Montano <Patricia.Montano@pomona.edu>
Date: Thursday, July 16, 2026 at 1:50 PM
To: Hayes, Alyssa@Wildlife <Alyssa.Hayes@Wildlife.ca.gov>; Paul Bump <Paul.Bump@pomona.edu>
Subject: RE: 2026 NEW Restricted Species Permit Application - Pomona College

Hi Alyssa,

Thank you for your help earlier. I sat down with Paul (included in this email) who is the professor who will have the restricted species, and we looked at the application together. We do have some questions.

1. For type of permit: we will potentially be housing sea urchins, anemones, and panther worms. There might be some breeding involved. Do we only select “research detrimental species”?
2. For the number of enclosures, does it refer to the primary enclosure (like a cage or container) or like a secondary enclosure (room, incubator, rack)? They will be housed in plastic containers, inside an incubator.
3. In the application under “standard inspection fee”, would that be the price for the number of enclosures selected?
4. In page 2 of the permit application, section 5 **“Provide any other supporting documentation required by regulations**”, how do we know if we need supporting documentation? Does this refer to any documentation that might be required in sections a-k?
5. Section d: Just want to make sure, are we exempt from this since we won’t house any mammals?
6. Section f: Again, does enclosures refer to the room? If the animals are moved to anther room for experiments/observations, do those areas also need to be included in the map?
7. Section k: Can you give me an example of what we can submit for this?
8. Do the restricted species need to be listed in the emergency action plan?
9. Last but not least, can you explain to me again the MOU inspection fee? If we go this route, is the $619.25 paid once every 5 years? If we pay for the department to inspect, will we be paying $319.50 (for 1-5 enclosures) twice a year?

-Patricia

From: Hayes, Alyssa@Wildlife <Alyssa.Hayes@Wildlife.ca.gov>
Sent: Thursday, July 16, 2026 10:26 AM
To: Patricia Montano <Patricia.Montano@pomona.edu>
Subject: 2026 NEW Restricted Species Permit Application - Pomona College

Good morning Patricia.

Thank you for contacting California Department of Fish and Wildlife.

It was a pleasure speaking with you.

As requested, please see the requested restricted species permit application documents listed above. Per your question regarding MOUs, please the regulatory language listed defining MOUs and their respective criteria listed here:

CCR, Title 14, Section 671.8(g):

"(g) Research Entities as Eligible Local Entities. Applicants for research permits shall submit the annual research-detrimental species fee and the ELE/MOU fee to the department as specified in Section 703, and the department may enter into a memorandum of understanding (MOU) with the applicant as an eligible local entity (ELE) to inspect facilities. With annual renewal and the annual ELE/MOU renewal fee paid, an MOU may be valid for up to five permit years, at which time, a new MOU will be required. Until the department enters into an MOU, a research facility shall submit an annual statement

from a USDA accredited veterinarian certifying that the animals and their housing have been inspected at least twice during the year, at six month intervals, and that the animals are being cared for and housed in accordance with applicable requirements in subsections 671.1(a)(8)(A)-(F), and sections 671.2 through 671.4 to satisfy the inspection requirement."

Please submit the required documentation listed in the form instructions. For more information about the requirements, please refer to California Code of Regulations (CCR), Title 14, sections 671 (restricted species list), 671.1 (application requirements), 671.8 (inspection requirements), and 700.4 (identification requirements).

Please complete and mail the application to the address below.

California Department of Fish and Wildlife
License and Revenue Branch
PO Box 944209
Sacramento, CA 94244-2090

Please contact me if you have any questions or if you require further assistance.

Thank you again,

Alyssa Hayes
Restricted Species Analyst, Special Permit Unit
License and Revenue Branch
alyssa.hayes@wildlife.ca.gov
Phone: (916) 902-9120



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