

990

Return of Organization Exempt From Income Tax

OMB No. 1545-

0047 2021

Open to Public Inspection

Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations) Do not enter social security numbers on this form as it may be made public.

Go to www.irs.gov/Form990 for instructions and the latest information.

Form 990 Department of the Treasury Internal Revenue Service

For the 2021 calendar year, or tax year beginning 01-01-2021, and ending 12-31-2021

- B Check if applicable: Address change, Name change, Initial return, Final return/terminated, Amended return, Application pending

C Name of organization THE BIOMIMICRY INSTITUTE, Doing business as, Number and street (or P.O. box if mail is not delivered to street address) Room/suite, City or town, state or province, country, and ZIP or foreign postal code

D Employer identification number 86-1153859, E Telephone number (415) 800-1401, G Gross receipts \$ 2,006,526

F Name and address of principal officer: BETH RATTNER, PO BOX 9216, MISSOULA, MT 59807

H(a) Is this a group return for subordinates? Yes No, H(b) Are all subordinates included? Yes No, H(c) Group exemption number

I Tax-exempt status: 501(c)(3), 501(c) () (insert no.), 4947(a)(1) or 527

J Website: WWW.BIOMIMICRY.ORG

K Form of organization: Corporation, Trust, Association, Other

L Year of formation: 2005, M State of legal domicile: MT

Part I Summary

1 Briefly describe the organization's mission or most significant activities: THE PURPOSES OF THIS CORPORATION SHALL BE TO NATURALIZE BIOMIMICRY IN THE CULTURE BY PROMOTING THE TRANSFER OF IDEAS, DESIGNS, AND STRATEGIES FROM BIOLOGY TO SUSTAINABLE HUMAN SYSTEMS DESIGN.

Table with 2 columns: Description, Amount. Rows 2-7b: 2 Check this box, 3 Number of voting members, 4 Number of independent voting members, 5 Total number of individuals employed, 6 Total number of volunteers, 7a Total unrelated business revenue, 7b Net unrelated business taxable income.

Table with 3 columns: Description, Prior Year, Current Year. Rows 8-12: 8 Contributions and grants, 9 Program service revenue, 10 Investment income, 11 Other revenue, 12 Total revenue.

Table with 3 columns: Description, Prior Year, Current Year. Rows 13-19: 13 Grants and similar amounts paid, 14 Benefits paid to or for members, 15 Salaries, other compensation, 16a Professional fundraising fees, 16b Total fundraising expenses, 17 Other expenses, 18 Total expenses, 19 Revenue less expenses.

Table with 3 columns: Description, Beginning of Current Year, End of Year. Rows 20-22: 20 Total assets, 21 Total liabilities, 22 Net assets or fund balances.

Part II Signature Block

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than officer) is based on all information of which preparer has any knowledge.

Sign Here: Signature of officer, Date 2022-10-30, BETH RATTNER EXECUTIVE DIRECTOR, Type or print name and title

Paid Preparer Use Only: Print/Type preparer's name, Preparer's signature, Date 2022-10-30, Check if self-employed, PTIN P00633304, Firm's name HAN GROUP LLC, Firm's EIN, Firm's address 1020 19TH STREET NW SUITE 800, WASHINGTON, DC 20036, Phone no. (202) 293-7000

May the IRS discuss this return with the preparer shown above? (see instructions) Yes No

Part III Statement of Program Service Accomplishments

Check if Schedule O contains a response or note to any line in this Part III

1 Briefly describe the organization's mission:

THE PURPOSES OF THIS CORPORATION SHALL BE TO NATURALIZE BIOMIMICRY IN THE CULTURE BY PROMOTING THE TRANSFER OF IDEAS, DESIGNS, AND STRATEGIES FROM BIOLOGY TO SUSTAINABLE HUMAN SYSTEMS DESIGN. ABOUT BIOMIMICRY: EFFORTS TO ADDRESS CLIMATE CHANGE, CONSUMPTION, POLLUTION, DEFORESTATION, AND THE MYRIAD OF OTHER ISSUES THAT THREATEN THE PLANET HAVE TO DATE BEEN PRIMARILY REACTIVE AND WHOLLY INSUFFICIENT. THE STRATEGIES WE RELIED ON TO PROVIDE FOOD, WATER, ENERGY, SHELTER, AND COMFORT TO A GROWING POPULATION ARE NOW SEEN AS COMPOUNDING RATHER THAN SOLVING THE PROBLEMS. BIOMIMICRY IS A NEW SCIENCE THAT STUDIES NATURE'S BEST IDEAS, ABSTRACTS THE DEEP DESIGN PRINCIPLES, AND THEN EMULATES THESE DESIGNS AND PROCESSES TO SOLVE HUMAN PROBLEMS. THE BIOMIMICRY INSTITUTE IS THE FOREMOST AUTHORITY AND ALL AROUND GO-TO PLACE FOR BIOMIMICRY INFORMATION, THROUGH ITS THREE MAIN PROGRAMS: BIOMIMICRY DESIGN CHALLENGES & EDUCATION PROGRAMS, ENTREPRENEURSHIP PROGRAM, AND ASKNATURE.

2 Did the organization undertake any significant program services during the year which were not listed on the prior Form 990 or 990-EZ? Yes No

If "Yes," describe these new services on Schedule O.

3 Did the organization cease conducting, or make significant changes in how it conducts, any program services? Yes No

If "Yes," describe these changes on Schedule O.

4 Describe the organization's program service accomplishments for each of its three largest program services, as measured by expenses. Section 501(c)(3) and 501(c)(4) organizations are required to report the amount of grants and allocations to others, the total expenses, and revenue, if any, for each program service reported.

4a (Code:) (Expenses \$ 574,584 including grants of \$ 0) (Revenue \$ 21,511)

ASKNATURE AND ASKNATURE SOLUTIONS RESEARCH:AS THE LARGEST OPEN-ACCESS DATABASE FOR INNOVATORS TO FIND BIOLOGICAL MODELS FOR DESIGN GUIDANCE, ASKNATURE IS MISSION-CRITICAL FOR OUR WORK. STUDENTS USE ASKNATURE WHEN THEY FIRST LEARN DESIGN AND ENGINEERING SKILLS IN OUR PROGRAMS AND CONTINUE TO USE IT AS THEY ADVANCE THROUGH UNIVERSITY AND BECOME INNOVATORS. OUR AIM IS TO HAVE NATURE-INSPIRED DESIGN BECOME STANDARD PRACTICE, WITH ASKNATURE AS A PRIMARY TOOL. WE CURRENTLY HAVE MORE THAN 1,700 ARTICLES DESCRIBING BIOLOGICAL STRATEGIES (A CHARACTERISTIC, MECHANISM, OR PROCESS THAT PERFORMS A FUNCTION FOR AN ORGANISM OR OTHER TYPE OF LIVING SYSTEM), 220 ABOUT INNOVATIONS (STORIES BEHIND REALIZED AND CONCEPTUAL PRODUCTS, SERVICES, AND SYSTEM COMPONENTS THAT ARE INSPIRED BY BIOLOGY), AND 70 INDEXED RESOURCES SPECIFICALLY DESIGNED FOR EDUCATORS. ASKNATURE IS THE WORLD'S GO-TO AND LARGEST OPEN-ACCESS SOURCE OF BIOMIMICRY EDUCATION RESOURCES FOR PRIMARY, SECONDARY, POST-SECONDARY, AND PROFESSIONAL AUDIENCES. IN 2021 WE IMPROVED FUNCTIONALITY AND ADDED OR UPDATED HUNDREDS OF PAGES OF CONTENT TO THIS SERVICE.IN 2021, APPROXIMATELY 690,000 PEOPLE VISITED THE SITE FOR 966,000 SESSIONS AND ACCESSED FREE RESOURCES AND CONTENT (IN 2020 THERE WERE 638,000 VISITORS OVER 876,000 SESSIONS). OUR USERS COME FROM 229 COUNTRIES AND A WIDE VARIETY OF SECTORS INCLUDING EDUCATION, ARCHITECTURE, DESIGN, ENGINEERING, BIOTECHNOLOGY, ENVIRONMENT, LAND USE, HEALTH, TRANSPORTATION, ENERGY, FASHION, GOVERNMENT, NON-PROFITS, AND MEDIA. THE YEAR SAW THE LAUNCH OF OUR REDESIGNED WEBSITE, WHICH HAS PUT A NEW EMPHASIS ON CREATING DEEPER CONTENT IN ACCESSIBLE, JARGON-FREE LANGUAGE, AND MORE CONTEXTUALIZING CONTENT TO BRING THE LESSONS OF BIOMIMICRY TO A WIDER AUDIENCE. IT HAS ALSO INVOLVED DEI TRAINING AND TRAINING TO APPROPRIATELY AND MEANINGFULLY ENGAGE WITH INDIGENOUS COMMUNITIES WHO WISH TO WORK WITH ASKNATURE IN ANY MANNER.

4b (Code:) (Expenses \$ 502,074 including grants of \$ 5,198) (Revenue \$ 93,189)

YOUTH EDUCATION AND DESIGN CHALLENGES PROGRAMS:- YOUTH DESIGN CHALLENGE THE BIOMIMICRY YOUTH DESIGN CHALLENGE (YDC) PROVIDES A FRAMEWORK FOR MIDDLE AND HIGH SCHOOL STUDENTS TO LEARN STEM AND ENVIRONMENTAL SCIENCE USING BIOMIMICRY AND A PROJECT-BASED EXPERIENCE. THROUGH 25 PHASES OF ACTIVITY, THE CURRICULUM AND DESIGN CHALLENGE ALLOWS STUDENTS TO AUTHENTICALLY CONNECT BIOLOGY, ENGINEERING, AND SCIENCE FOR SUSTAINABLE DESIGN SOLUTIONS TO TODAY'S CHALLENGES.IN 2021, 295 EDUCATORS REGISTERED, FROM 46 STATES AND 34 DIFFERENT COUNTRIES, ACCESSING TEACHER MATERIALS. THE REGISTRATION REQUIREMENT TO PREVIEW AND USE THE PROGRAM CURRICULUM HAD BEEN LIFTED FOR THIS YEAR. THE RESULT WAS MORE PROJECTS SUBMITTED (AS 29% INCREASE FROM 2020). THE REGISTERED EDUCATORS REPRESENTED 12,600 STUDENTS. OUR PROGRAM EVALUATION OF STUDENTS FOUND THAT THE YDC HAD A POSITIVE IMPACT ON UNDERSTANDING OF BIOMIMICRY (97%). OUR PROGRAM EVALUATION OF TEACHERS / COACHES FOUND THAT THE YDC HAD A POSITIVE IMPACT ON UNDERSTANDING BIOMIMICRY (98%).- BIOMIMICRY GLOBAL DESIGN CHALLENGE THE BIOMIMICRY GLOBAL DESIGN CHALLENGE PROVIDES AN OPPORTUNITY FOR UNIVERSITY STUDENTS AND YOUNG PROFESSIONALS TO GAIN HANDS-ON EXPERIENCE WITH BIOMIMICRY-TO DO DESIGN, NOT JUST STUDY IT. THROUGH FREE RESOURCES SUCH AS THE BIOMIMICRY TOOLBOX, WEBINARS, DESIGN BRIEFS, AND MENTORSHIP, TEAMS LEARN AND PRACTICE THE FUNDAMENTALS OF BIOMIMICRY AND CREATE BIO-INSPIRED SOLUTIONS ALIGNED WITH NATURE AND THE UN'S SUSTAINABLE DEVELOPMENT GOALS. IN 2021, THE 92 TEAMS FROM 25 COUNTRIES SUBMITTED PROJECTS TO THE CHALLENGE. 12 FINALISTS WERE SELECTED AND WERE THEN INVITED TO PARTICIPATE IN THE BIOMIMICRY LAUNCHPAD.THE 2021 BIOMIMICRY GLOBAL DESIGN CHALLENGE WAS THE FINAL ITERATION OF THIS PROGRAM. AFTER A SUCCESSFUL 6 YEAR PERIOD, THE BIOMIMICRY INSTITUTE DETERMINED THAT THIS PROGRAM WOULD COME TO CLOSE IN ORDER TO BETTER ALIGN WITH YOUTH EDUCATION AND INNOVATION INITIATIVES. ALL MATERIALS CREATED FOR THE CHALLENGE ARE READILY AVAILABLE VIA THE BIOMIMICRY TOOLBOX OR ASKNATURE.

4c (Code:) (Expenses \$ 317,902 including grants of \$ 5,500) (Revenue \$ 2,000)

INNOVATION:- BIOMIMICRY LAUNCHPAD THE BIOMIMICRY LAUNCHPAD PROVIDES TRAINING, CONNECTIONS, AND RESOURCES FOR NATURE-INSPIRED SCIENTISTS AND INNOVATORS WHO OTHERWISE WOULDN'T HAVE THOUGHT ABOUT COMMERCIALIZING THEIR WORK. THE LAUNCHPAD EQUIPS NATURE-INSPIRED SCIENTISTS, DESIGNERS, AND RESEARCHERS WITH THE SKILLS AND TOOLS THEY NEED TO TURN THEIR WORK INTO SCALABLE STARTUPS.IN 2021, THE BIOMIMICRY GLOBAL DESIGN CHALLENGE FINALISTS WERE INVITED TO JOIN THE BIOMIMICRY LAUNCHPAD, WHERE THEY CONTINUE TO DEVELOP THEIR DESIGNS AND BUSINESS MODELS. THE BIOMIMICRY LAUNCHPAD HAD A COHORT OF 12 TEAMS, WITH 56 PARTICIPANTS FROM 7 COUNTRIES. THE PROGRAM CONSISTED OF A 10-WEEK VIRTUAL PROGRAM THAT COMBINED THE THREE ESSENTIAL ELEMENTS OF BIOMIMICRY WITH STARTUP BASICS TRAINING. TEAMS FROM DIVERSE BACKGROUNDS AND SECTORS TACKLED A RANGE OF ISSUES, INCLUDING URBAN FLOODING, WATER ACCESS, AND EXCESSIVE HEAT MITIGATION. ALL OF THE TEAMS ADDRESSED ONE OR MORE OF THE UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS (SDGS) IN THEIR PURSUIT OF CREATING POSITIVE CHANGE. THEY VALUED LEARNING ENTREPRENEURIAL SKILLS SUCH AS CUSTOMER DISCOVERY, TESTING ASSUMPTIONS, DEVELOPING VALUE PROPOSITIONS, AND HOW TO BUILD A STRONG AND DIVERSE TEAM. IN ADDITION, THIS YEAR'S PARTICIPANTS LEARNED HOW TO APPLY BIOMIMICRY'S SUSTAINABILITY ETHOS TO ALL ASPECTS OF THEIR PROJECT. DUE TO THE COVID-19 PANDEMIC, SCHEDULED IN-PERSON TRIPS WERE CANCELED AND REPLACED BY LOCALIZED NATURE-IMMERSION ACTIVITIES AND VIRTUAL WORKSHOPS.- RAY OF HOPE PRIZE THE RAY OF HOPE PRIZE CELEBRATES AND ACCELERATES NATURE-INSPIRED SOLUTIONS ADDRESSING THE WORLD'S ENVIRONMENTAL AND SUSTAINABILITY CHALLENGES. THIS \$100,000 PRIZE SPARKS THE NEXT GENERATION OF BUSINESSES THAT WILL LEAD US TO A CIRCULAR AND REGENERATIVE FUTURE. THE 2021 AWARD RECIPIENT WAS SPINTEX ENGINEERING, FROM OXFORD, ENGLAND. SPINTEX ARTIFICIALLY SPINS THE HIGHEST PERFORMANCE SILK FIBERS AVAILABLE, THROUGH A SPIDER INSPIRED PROCESS. THE PROCESS IS 1000X MORE ENERGY EFFICIENT THAN SYNTHETIC PLASTIC FIBERS, AND USES NO HAZARDOUS CHEMICALS WITH WATER AS THEIR ONLY BY-PRODUCT. AQUAMMODATE, FROM GOTHENBURG, SWEDEN, A BIOTECH STARTUP THAT SEPARATES RAW MATERIALS SUCH AS LITHIUM FROM WATER, TOOK HOME THE \$25,000 RUNNER-UP PRIZE. IN TOTAL, TEN STARTUPS (SELECTED FROM 301 APPLICANTS) PARTICIPATED IN THIS YEAR'S RAY OF HOPE PRIZE PROGRAM, WHICH CONSISTED OF TRAINING ON SUSTAINABLE BUSINESS PRACTICES AND SCIENCE COMMUNICATION SKILLS, IN ADDITION TO ACCESSING A CURATED COMMUNITY OF EXPERT MENTORS, ADVISORS, AND INVESTORS.DUE TO THE COVID-19 PANDEMIC, SCHEDULED IN-PERSON TRIPS WERE CANCELED AND REPLACED BY HIGH-QUALITY VIDEO PRODUCTION ABOUT EACH OF THE PARTICIPATING STARTUPS' TECHNOLOGY, AND HOW IT WAS INSPIRED BY NATURE. THE AWARD CEREMONY WAS HELD VIRTUALLY AT GREENBIZ'S CIRCULARITY CONFERENCE.

(Code:) (Expenses \$ 360,730 including grants of \$ 20,700) (Revenue \$)

SYSTEM CHANGE:- DESIGN FOR DECOMPOSITION (D4D) THIS YEAR WE INITIATED A NEW SYSTEMS CHANGE PROGRAM TO CONTINUE BUILDING ON THE INTEREST GENERATED BY OUR THE NATURE OF FASHION REPORT (2020). THIS PROGRAM LOOKS AT SYSTEM LEVEL CHALLENGES, WITH AN INITIAL FOCUS ON TEXTILE DECOMPOSITION AND HOW WE CAN DESIGN SYSTEMS THAT ULTIMATELY SUPPORT THE SAFE BREAK DOWN AND BUILD UP OF MATERIALS. IN 2021, THE D4D INITIATIVE RECRUITED AND SIGNED MOU'S WITH TWO US PARTNERS, CELERY DESIGN AND THE YALE CENTER FOR GREEN CHEMISTRY, AND FOUR INTERNATIONAL PARTNERS: METABOLIC INSTITUTE (THE NETHERLANDS), THE OR FOUNDATION (GHANA), HKRITA (HONG KONG), AND THE UNIVERSITY OF GHANA LEGON. WITH THESE PARTNERS ON BOARD, WE SECURED FUNDING FROM THE LAUDES FOUNDATION TO BEGIN THE WORK.THE D4D INITIATIVE HAS FOUR PRIMARY ELEMENTS: A PHYSICAL PILOT IN WESTERN EUROPE, A PHYSICAL PILOT IN ACCRA, GHANA; GAINING A DEEP UNDERSTANDING OF BIOLOGICAL AND ABIOTIC DEGRADATION AND HOW WE CAN BETTER TEST AND DESIGN FOR DEGRADATION; AND A NARRATIVE COMPONENT. AS PART OF BOTH PHYSICAL PILOTS, WE BEGAN IDENTIFYING DOZENS OF TECHNOLOGIES THAT COULD BREAK DOWN TEXTILES AND GENERATE BIOCOMPATIBLE PRODUCTS OF VALUE, SUCH AS GLUCOSE OR SOIL AMENDMENTS. IN PARTNERSHIP WITH THE UNIVERSITY OF GHANA, WE BEGAN ECOLOGICAL MONITORING OF SEVERAL SITES IN ACCRA THAT ARE SUBJECT TO TEXTILE AND OTHER WASTE. WE ALSO CONDUCTED A BIOLOGICAL LITERATURE REVIEW TO DEEPLY UNDERSTAND NATURAL DECOMPOSITION, AND PARTNERED WITH THE YALE CENTER FOR GREEN CHEMISTRY TO CONDUCT ANOTHER LITERATURE REVIEW ON BIODEGRADATION SCIENCE AND TESTING.

4d Other program services (Describe in Schedule O.) (Expenses \$ 360,730 including grants of \$ 20,700) (Revenue \$)

4e Total program service expenses 1,755,290

Part IV Checklist of Required Schedules

Table with 3 columns: Question number, Question text, and Yes/No response columns. Rows include questions 1 through 21 regarding organizational requirements and reporting.

Part IV Checklist of Required Schedules (continued)

Table with 3 columns: Question ID, Question Text, and Yes/No columns. Rows include questions 22 through 38 regarding tax-exempt bond issues, excess benefit transactions, and related party transactions.

Part V Statements Regarding Other IRS Filings and Tax Compliance

Check if Schedule O contains a response or note to any line in this Part V

Table with 3 columns: Question ID, Question Text, and Yes/No columns. Rows include questions 1a, 1b, and 1c regarding Form 1096, Forms W-2G, and gaming winnings.

Part V Statements Regarding Other IRS Filings and Tax Compliance (continued)

Table with 17 main rows (2a-17) and sub-rows (a-e) for various items. Columns include question text, a numeric column (2a-17), a 'Yes' column, and a 'No' column. Includes instructions for filing requirements and specific tax forms like Form 990-T, Form 8886-T, Form 8899, Form 720, Form 4720, and Form 6069.

Part VI Governance, Management, and Disclosure. For each "Yes" response to lines 2 through 7b below, and for a "No" response to lines 8a, 8b, or 10b below, describe the circumstances, processes, or changes in Schedule O. See instructions. Check if Schedule O contains a response or note to any line in this Part VI



Section A. Governing Body and Management

Table with 3 columns: Question, Yes, No. Rows include: 1a Enter the number of voting members... 1b Enter the number of voting members included... 2 Did any officer, director, trustee, or key employee have a family relationship... 3 Did the organization delegate control over management duties... 4 Did the organization make any significant changes to its governing documents... 5 Did the organization become aware during the year of a significant diversion of the organization's assets... 6 Did the organization have members or stockholders... 7a Did the organization have members, stockholders, or other persons who had the power to elect or appoint one or more members of the governing body? 7b Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body? 8 Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following: 8a The governing body? 8b Each committee with authority to act on behalf of the governing body? 9 Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the organization's mailing address? If "Yes," provide the names and addresses in Schedule O.

Section B. Policies (This Section B requests information about policies not required by the Internal Revenue Code.)

Table with 3 columns: Question, Yes, No. Rows include: 10a Did the organization have local chapters, branches, or affiliates? 10b If "Yes," did the organization have written policies and procedures governing the activities of such chapters, affiliates, and branches to ensure their operations are consistent with the organization's exempt purposes? 11a Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form? 11b Describe on Schedule O the process, if any, used by the organization to review this Form 990. 12a Did the organization have a written conflict of interest policy? If "No," go to line 13 12b Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts? 12c Did the organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," describe on Schedule O how this was done 13 Did the organization have a written whistleblower policy? 14 Did the organization have a written document retention and destruction policy? 15 Did the process for determining compensation of the following persons include a review and approval by independent persons, comparability data, and contemporaneous substantiation of the deliberation and decision? 15a The organization's CEO, Executive Director, or top management official 15b Other officers or key employees of the organization If "Yes" to line 15a or 15b, describe the process on Schedule O. See instructions. 16a Did the organization invest in, contribute assets to, or participate in a joint venture or similar arrangement with a taxable entity during the year? 16b If "Yes," did the organization follow a written policy or procedure requiring the organization to evaluate its participation in joint venture arrangements under applicable federal tax law, and take steps to safeguard the organization's exempt status with respect to such arrangements?

Section C. Disclosure

Table with 2 columns: Question, Answer. Rows include: 17 List the states with which a copy of this Form 990 is required to be filed CA, NY 18 Section 6104 requires an organization to make its Form 1023 (1024 or 1024-A, if applicable), 990, and 990-T (section 501(c)(3)s only) available for public inspection. Indicate how you made these available. Check all that apply. Own website Another's website Upon request Other (explain in Schedule O) 19 Describe in Schedule O whether (and if so, how) the organization made its governing documents, conflict of interest policy, and financial statements available to the public during the tax year. 20 State the name, address, and telephone number of the person who possesses the organization's books and records: THE ORGANIZATION PO BOX 9216 MISSOULA, MT 59807 (415) 800-1401

Part VII Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors

Check if Schedule O contains a response or note to any line in this Part VII

Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees

1a Complete this table for all persons required to be listed. Report compensation for the calendar year ending with or within the organization's tax year.

- List all of the organization's **current** officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation. Enter -0- in columns (D), (E), and (F) if no compensation was paid.

- List all of the organization's **current** key employees, if any. See the instructions for definition of "key employee."

- List the organization's five **current** highest compensated employees (other than an officer, director, trustee or key employee) who received reportable compensation (box 5 of Form W-2, Form 1099-MISC, and/or box 1 of Form 1099-NEC) of more than \$100,000 from the organization and any related organizations.

- List all of the organization's **former** officers, key employees, or highest compensated employees who received more than \$100,000 of reportable compensation from the organization and any related organizations.

- List all of the organization's **former directors or trustees** that received, in the capacity as a former director or trustee of the organization, more than \$10,000 of reportable compensation from the organization and any related organizations.

See the instructions for the order in which to list the persons above.

Check this box if neither the organization nor any related organization compensated any current officer, director, or trustee.

(A) Name and title	(B) Average hours per week (list any hours for related organizations below dotted line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC/1099-NEC)	(E) Reportable compensation from related organizations (W-2/1099-MISC/1099-NEC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional Trustee	Officer	Key employee	Highest compensated employee	Former			
(1) LAUREN BIRNEY PRESIDENT	2.00	X		X				0	0	0
(2) ANGELA NAHIKIAN VICE PRESIDENT	2.00	X		X				0	0	0
(3) KENT SNYDER TREASURER	2.00	X		X				0	0	0
(4) JIM BUNCH SECRETARY	2.00	X		X				0	0	0
(5) LISA GAUTIER BOARD OF DIRECTOR	1.00	X						0	0	0
(6) ERIN ROVALO BOARD OF DIRECTOR	1.00	X						0	0	0
(7) BILLY ALMON BOARD OF DIRECTOR	1.00	X						0	0	0
(8) DIMITRI DEHEYN BOARD OF DIRECTOR	1.00	X						0	0	0
(9) DANIELA PIGOSSO BOARD OF DIRECTOR	1.00	X						0	0	0
(10) EVELYN ERICKSON BOARD OF DIRECTOR	1.00	X						0	0	0
(11) BETH RATTNER EXECUTIVE DIRECTOR	40.00			X				165,161	0	15,060
(12) ANDREW HOWLEY ASKNATURE CHIEF EDITOR	40.00					X		102,484	0	6,790

Part VIII Statement of Revenue

Check if Schedule O contains a response or note to any line in this Part VIII

	(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512 - 514
Contributions, Gifts, Grants, and Other Similar Amounts				
1a Federated campaigns		1a		
b Membership dues		1b		
c Fundraising events		1c		
d Related organizations		1d		
e Government grants (contributions)		1e	50,000	
f All other contributions, gifts, grants, and similar amounts not included above		1f	1,835,407	
g Noncash contributions included in lines 1a - 1f:\$		1g		
h Total. Add lines 1a-1f				1,885,407

Program Service Revenue		Business Code				
			(A)	(B)	(C)	(D)
2a CONSULTING		611600	75,450	75,450		
b WORKSHOPS		611600	33,200	33,200		
c PRG APPLICATION FEES		611600	4,790	4,790		
d ONLINE EDUCATION		611600	3,260	3,260		
e						
f All other program service revenue.						
g Total. Add lines 2a-2f.			116,700			

Other Revenue	3 Investment income (including dividends, interest, and other similar amounts)		4,419			4,419	
	4 Income from investment of tax-exempt bond proceeds						
	5 Royalties						
	6a Gross rents	(i) Real					
		(ii) Personal					
		6b Less: rental expenses					
		6c Rental income or (loss)					
	d Net rental income or (loss)						
	7a Gross amount from sales of assets other than inventory	(i) Securities					
		(ii) Other					
		7b Less: cost or other basis and sales expenses					
		7c Gain or (loss)					
	d Net gain or (loss)						
	8a Gross income from fundraising events (not including \$ of contributions reported on line 1c). See Part IV, line 18						
		8b Less: direct expenses					
	c Net income or (loss) from fundraising events						
	9a Gross income from gaming activities. See Part IV, line 19						
		9b Less: direct expenses					
	c Net income or (loss) from gaming activities						
	10a Gross sales of inventory, less returns and allowances						
10b Less: cost of goods sold							
c Net income or (loss) from sales of inventory							
Miscellaneous Revenue	Business Code						
11a							
b							
c							
d All other revenue							
e Total. Add lines 11a-11d							
12 Total revenue. See instructions			2,006,526	116,700	0	4,419	

Part IX Statement of Functional Expenses

Section 501(c)(3) and 501(c)(4) organizations must complete all columns. All other organizations must complete column (A).

Check if Schedule O contains a response or note to any line in this Part IX

Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.

	(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
1 Grants and other assistance to domestic organizations and domestic governments. See Part IV, line 21	25,898	25,898		
2 Grants and other assistance to domestic individuals. See Part IV, line 22	2,000	2,000		
3 Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, lines 15 and 16.	3,500	3,500		
4 Benefits paid to or for members				
5 Compensation of current officers, directors, trustees, and key employees	180,221	144,160	24,296	11,765
6 Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B)				
7 Other salaries and wages	797,215	637,879	107,282	52,054
8 Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions)	20,474	16,377	2,760	1,337
9 Other employee benefits	130,122	104,085	17,542	8,495
10 Payroll taxes	80,836	64,661	10,898	5,277
11 Fees for services (non-employees):				
a Management				
b Legal	2,221		2,221	
c Accounting	22,316		22,316	
d Lobbying				
e Professional fundraising services. See Part IV, line 17				
f Investment management fees	3,879		3,879	
g Other (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Schedule O)	685,511	579,432	16,470	89,609
12 Advertising and promotion	59,650	47,714	8,042	3,894
13 Office expenses	22,950	15,022	7,171	757
14 Information technology	48,555	48,515	40	
15 Royalties				
16 Occupancy				
17 Travel	4,444	4,344	16	84
18 Payments of travel or entertainment expenses for any federal, state, or local public officials				
19 Conferences, conventions, and meetings	8,685	8,685		
20 Interest				
21 Payments to affiliates				
22 Depreciation, depletion, and amortization	47,792	42,709	5,083	
23 Insurance	5,846	4,676	788	382
24 Other expenses. Itemize expenses not covered above (List miscellaneous expenses in line 24e. If line 24e amount exceeds 10% of line 25, column (A) amount, list line 24e expenses on Schedule O.)				
a DUES/FEES/SUBSCRIPTIONS	30,388	5,633	24,121	634
b CURRENCY TRANSLATION LO	10,615		10,615	
c				
d				
e All other expenses				
25 Total functional expenses. Add lines 1 through 24e	2,193,118	1,755,290	263,540	174,288
26 Joint costs. Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation. Check here <input type="checkbox"/> if following SOP 98-2 (ASC 958-720).				

Part X Balance Sheet

Check if Schedule O contains a response or note to any line in this Part IX

		(A) Beginning of year		(B) End of year
Assets	1 Cash-non-interest-bearing	205,423	1	95,281
	2 Savings and temporary cash investments	908,461	2	1,174,630
	3 Pledges and grants receivable, net	895,932	3	494,277
	4 Accounts receivable, net	2,862	4	4,103
	5 Loans and other receivables from any current or former officer, director, trustee, key employee, creator or founder, substantial contributor, or 35% controlled entity or family member of any of these persons		5	
	6 Loans and other receivables from other disqualified persons (as defined under section 4958(f)(1)), and persons described in section 4958(c)(3)(B)		6	
	7 Notes and loans receivable, net		7	
	8 Inventories for sale or use		8	
	9 Prepaid expenses and deferred charges	17,341	9	14,307
	10a Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D	201,654		
	b Less: accumulated depreciation	60,130	8,827	141,524
	11 Investments—publicly traded securities		11	
	12 Investments—other securities. See Part IV, line 11		12	
	13 Investments—program-related. See Part IV, line 11		13	
	14 Intangible assets	130,690	14	0
	15 Other assets. See Part IV, line 11		15	
16 Total assets: Add lines 1 through 15 (must equal line 33)	2,169,536	16	1,924,122	
Liabilities	17 Accounts payable and accrued expenses	137,145	17	169,820
	18 Grants payable		18	
	19 Deferred revenue	456,690	19	365,193
	20 Tax-exempt bond liabilities		20	
	21 Escrow or custodial account liability. Complete Part IV of Schedule D		21	
	22 Loans and other payables to any current or former officer, director, trustee, key employee, creator or founder, substantial contributor, or 35% controlled entity or family member of any of these persons		22	
	23 Secured mortgages and notes payable to unrelated third parties		23	
	24 Unsecured notes and loans payable to unrelated third parties		24	
	25 Other liabilities (including federal income tax, payables to related third parties, and other liabilities not included on lines 17 - 24). Complete Part X of Schedule D		25	
	26 Total liabilities. Add lines 17 through 25	593,835	26	535,013
Net Assets or Fund Balances	Organizations that follow FASB ASC 958, check here <input checked="" type="checkbox"/> and complete lines 27, 28, 32, and 33.			
	27 Net assets without donor restrictions	705,701	27	912,510
	28 Net assets with donor restrictions	870,000	28	476,599
	Organizations that do not follow FASB ASC 958, check here <input type="checkbox"/> and complete lines 29 through 33.			
	29 Capital stock or trust principal, or current funds		29	
	30 Paid-in or capital surplus, or land, building or equipment fund		30	
	31 Retained earnings, endowment, accumulated income, or other funds		31	
	32 Total net assets or fund balances	1,575,701	32	1,389,109
33 Total liabilities and net assets/fund balances	2,169,536	33	1,924,122	

Part XI Reconciliation of Net Assets

Check if Schedule O contains a response or note to any line in this Part XI

1	Total revenue (must equal Part VIII, column (A), line 12)	1	2,006,526
2	Total expenses (must equal Part IX, column (A), line 25)	2	2,193,118
3	Revenue less expenses. Subtract line 2 from line 1	3	-186,592
4	Net assets or fund balances at beginning of year (must equal Part X, line 32, column (A))	4	1,575,701
5	Net unrealized gains (losses) on investments	5	
6	Donated services and use of facilities	6	
7	Investment expenses	7	
8	Prior period adjustments	8	
9	Other changes in net assets or fund balances (explain in Schedule O)	9	0
10	Net assets or fund balances at end of year. Combine lines 3 through 9 (must equal Part X, line 32, column (A))	10	1,389,109

Part XII Financial Statements and Reporting

Check if Schedule O contains a response or note to any line in this Part XII

		Yes	No
1	Accounting method used to prepare the Form 990: <input type="checkbox"/> Cash <input checked="" type="checkbox"/> Accrual <input type="checkbox"/> Other _____ If the organization changed its method of accounting from a prior year or checked "Other," explain on Schedule O.		
2a	Were the organization's financial statements compiled or reviewed by an independent accountant? If 'Yes,' check a box below to indicate whether the financial statements for the year were compiled or reviewed on a separate basis, consolidated basis, or both: <input type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis		No
b	Were the organization's financial statements audited by an independent accountant? If 'Yes,' check a box below to indicate whether the financial statements for the year were audited on a separate basis, consolidated basis, or both: <input checked="" type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis	Yes	
c	If "Yes," to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant? If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O.	Yes	
3a	As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Single Audit Act and OMB Circular A-133?		No
b	If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why in Schedule O and describe any steps taken to undergo such audits.		

Additional Data

Return to Form

Software ID:

Software Version:

Form 990, Special Condition Description:

Special Condition Description

SCHEDULE A
(Form 990)

Department of the Treasury
Internal Revenue Service

Public Charity Status and Public Support

Complete if the organization is a section 501(c)(3) organization or a section 4947(a)(1) nonexempt charitable trust.
 Attach to Form 990 or Form 990-EZ.
 Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2021

Open to Public Inspection

Name of the organization
THE BIOMIMICRY INSTITUTE

Employer identification number
86-1153859

Part I Reason for Public Charity Status (All organizations must complete this part.) See instructions.

The organization is not a private foundation because it is: (For lines 1 through 12, check only one box.)

- 1 A church, convention of churches, or association of churches described in **section 170(b)(1)(A)(i).**
- 2 A school described in **section 170(b)(1)(A)(ii).** (Attach Schedule E (Form 990).)
- 3 A hospital or a cooperative hospital service organization described in **section 170(b)(1)(A)(iii).**
- 4 A medical research organization operated in conjunction with a hospital described in **section 170(b)(1)(A)(iii).** Enter the hospital's name, city, and state:
- 5 An organization operated for the benefit of a college or university owned or operated by a governmental unit described in **section 170(b)(1)(A)(iv).** (Complete Part II.)
- 6 A federal, state, or local government or governmental unit described in **section 170(b)(1)(A)(v).**
- 7 An organization that normally receives a substantial part of its support from a governmental unit or from the general public described in **section 170(b)(1)(A)(vi).** (Complete Part II.)
- 8 A community trust described in **section 170(b)(1)(A)(vi).** (Complete Part II.)
- 9 An agricultural research organization described in **170(b)(1)(A)(ix)** operated in conjunction with a land-grant college or university or a non-land grant college of agriculture. See instructions. Enter the name, city, and state of the college or university:
- 10 An organization that normally receives: (1) more than 33 1/3% of its support from contributions, membership fees, and gross receipts from activities related to its exempt functions—subject to certain exceptions, and (2) no more than 33 1/3% of its support from gross investment income and unrelated business taxable income (less section 511 tax) from businesses acquired by the organization after June 30, 1975. See **section 509(a)(2).** (Complete Part III.)
- 11 An organization organized and operated exclusively to test for public safety. See **section 509(a)(4).**
- 12 An organization organized and operated exclusively for the benefit of, to perform the functions of, or to carry out the purposes of one or more publicly supported organizations described in **section 509(a)(1)** or **section 509(a)(2).** See **section 509(a)(3).** Check the box on lines 12a through 12d that describes the type of supporting organization and complete lines 12e, 12f, and 12g.
 - a **Type I.** A supporting organization operated, supervised, or controlled by its supported organization(s), typically by giving the supported organization(s) the power to regularly appoint or elect a majority of the directors or trustees of the supporting organization. **You must complete Part IV, Sections A and B.**
 - b **Type II.** A supporting organization supervised or controlled in connection with its supported organization(s), by having control or management of the supporting organization vested in the same persons that control or manage the supported organization(s). **You must complete Part IV, Sections A and C.**
 - c **Type III functionally integrated.** A supporting organization operated in connection with, and functionally integrated with, its supported organization(s) (see instructions). **You must complete Part IV, Sections A, D, and E.**
 - d **Type III non-functionally integrated.** A supporting organization operated in connection with its supported organization(s) that is not functionally integrated. The organization generally must satisfy a distribution requirement and an attentiveness requirement (see instructions). **You must complete Part IV, Sections A and D, and Part V.**
 - e Check this box if the organization received a written determination from the IRS that it is a Type I, Type II, Type III functionally integrated, or Type III non-functionally integrated supporting organization.
 - f Enter the number of supported organizations _____
 - g Provide the following information about the supported organization(s).

(i) Name of supported organization	(ii) EIN	(iii) Type of organization (described on lines 1- 10 above (see instructions))	(iv) Is the organization listed in your governing document?		(v) Amount of monetary support (see instructions)	(vi) Amount of other support (see instructions)
			Yes	No		
Total						

Part II Support Schedule for Organizations Described in Sections 170(b)(1)(A)(iv) and 170(b)(1)(A)(vi)
 (Complete only if you checked the box on line 5, 7, or 8 of Part I or if the organization failed to qualify under Part III. If the organization failed to qualify under the tests listed below, please complete Part III.)

Section A. Public Support

Calendar year (or fiscal year beginning in) ▶	(a) 2017	(b) 2018	(c) 2019	(d) 2020	(e) 2021	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grant.") . . .	931,385	1,138,020	1,752,504	1,873,028	1,885,407	7,580,344
2 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
3 The value of services or facilities furnished by a governmental unit to the organization without charge..						
4 Total. Add lines 1 through 3	931,385	1,138,020	1,752,504	1,873,028	1,885,407	7,580,344
5 The portion of total contributions by each person (other than a governmental unit or publicly supported organization) included on line 1 that exceeds 2% of the amount shown on line 11, column (f) . . .						5,434,542
6 Public support. Subtract line 5 from line 4.						2,145,802

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2017	(b) 2018	(c) 2019	(d) 2020	(e) 2021	(f) Total
7 Amounts from line 4.	931,385	1,138,020	1,752,504	1,873,028	1,885,407	7,580,344
8 Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources	3,938	5,987	12,519	8,168	4,419	35,031
9 Net income from unrelated business activities, whether or not the business is regularly carried on.		123				123
10 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)						
11 Total support. Add lines 7 through 10						7,615,498
12 Gross receipts from related activities, etc. (see instructions)					12	571,368
13 First 5 years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here <input type="checkbox"/>						

Section C. Computation of Public Support Percentage

14 Public support percentage for 2021 (line 6, column (f) divided by line 11, column (f))	14	28.180 %
15 Public support percentage for 2020 Schedule A, Part II, line 14	15	28.720 %
16a 33 1/3% support test—2021. If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization <input type="checkbox"/>		
b 33 1/3% support test—2020. If the organization did not check a box on line 13 or 16a, and line 15 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization <input type="checkbox"/>		
17a 10%-facts-and-circumstances test—2021. If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization <input checked="" type="checkbox"/>		
b 10%-facts-and-circumstances test—2020. If the organization did not check a box on line 13, 16a, 16b, or 17a, and line 15 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization <input type="checkbox"/>		
18 Private foundation. If the organization did not check a box on line 13, 16a, 16b, 17a, or 17b, check this box and see instructions <input type="checkbox"/>		

Part III Support Schedule for Organizations Described in Section 509(a)(2)

(Complete only if you checked the box on line 10 of Part I or if the organization failed to qualify under Part II. If the organization fails to qualify under the tests listed below, please complete Part II.)

Section A. Public Support

Calendar year (or fiscal year beginning in) ▶	(a) 2017	(b) 2018	(c) 2019	(d) 2020	(e) 2021	(f) Total
1 Gifts, grants, contributions, and membership fees received. (Do not include any "unusual grants.") .						
2 Gross receipts from admissions, merchandise sold or services performed, or facilities furnished in any activity that is related to the organization's tax-exempt purpose						
3 Gross receipts from activities that are not an unrelated trade or business under section 513						
4 Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
5 The value of services or facilities furnished by a governmental unit to the organization without charge						
6 Total. Add lines 1 through 5						
7a Amounts included on lines 1, 2, and 3 received from disqualified persons						
b Amounts included on lines 2 and 3 received from other than disqualified persons that exceed the greater of \$5,000 or 1% of the amount on line 13 for the year.						
c Add lines 7a and 7b. .						
8 Public support. (Subtract line 7c from line 6.)						

Section B. Total Support

Calendar year (or fiscal year beginning in) ▶	(a) 2017	(b) 2018	(c) 2019	(d) 2020	(e) 2021	(f) Total
9 Amounts from line 6.						
10a Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources						
b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975.						
c Add lines 10a and 10b.						
11 Net income from unrelated business activities not included on line 10b, whether or not the business is regularly carried on.						
12 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.)						
13 Total support. (Add lines 9, 10c, 11, and 12.)						
14 First 5 years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here. <input type="checkbox"/>						

Section C. Computation of Public Support Percentage

15 Public support percentage for 2021 (line 8, column (f) divided by line 13, column (f))	15	
16 Public support percentage from 2020 Schedule A, Part III, line 15	16	

Section D. Computation of Investment Income Percentage

17 Investment income percentage for 2021 (line 10c, column (f) divided by line 13, column (f))	17	
18 Investment income percentage from 2020 Schedule A, Part III, line 17	18	

19a 33 1/3% support tests—2021. If the organization did not check the box on line 14, and line 15 is more than 33 1/3%, and line 17 is not more than 33 1/3%, check this box and **stop here.** The organization qualifies as a publicly supported organization

b 33 1/3% support tests—2020. If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3% and line 18 is not more than 33 1/3%, check this box and **stop here.** The organization qualifies as a publicly supported organization

20 Private foundation. If the organization did not check a box on line 14, 19a, or 19b, check this box and see instructions

Part IV Supporting Organizations

(Complete only if you checked a box on line 12 of Part I. If you checked box 12a, of Part I, complete Sections A and B. If you checked box 12b, of Part I, complete Sections A and C. If you checked box 12c, of Part I, complete Sections A, D, and E. If you checked box 12d, of Part I, complete Sections A and D, and complete Part V.)

Section A. All Supporting Organizations

		Yes	No
1	Are all of the organization's supported organizations listed by name in the organization's governing documents? If "No," describe in Part VI how the supported organizations are designated. If designated by class or purpose, describe the designation. If historic and continuing relationship, explain.		
2	Did the organization have any supported organization that does not have an IRS determination of status under section 509(a)(1) or (2)? If "Yes," explain in Part VI how the organization determined that the supported organization was described in section 509(a)(1) or (2).		
3a	Did the organization have a supported organization described in section 501(c)(4), (5), or (6)? If "Yes," answer lines 3b and 3c below.		
b	Did the organization confirm that each supported organization qualified under section 501(c)(4), (5), or (6) and satisfied the public support tests under section 509(a)(2)? If "Yes," describe in Part VI when and how the organization made the determination.		
c	Did the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes? If "Yes," explain in Part VI what controls the organization put in place to ensure such use.		
4a	Was any supported organization not organized in the United States ("foreign supported organization")? If "Yes" and if you checked box 12a or 12b in Part I, answer lines 4b and 4c below.		
b	Did the organization have ultimate control and discretion in deciding whether to make grants to the foreign supported organization? If "Yes," describe in Part VI how the organization had such control and discretion despite being controlled or supervised by or in connection with its supported organizations.		
c	Did the organization support any foreign supported organization that does not have an IRS determination under sections 501(c)(3) and 509(a)(1) or (2)? If "Yes," explain in Part VI what controls the organization used to ensure that all support to the foreign supported organization was used exclusively for section 170(c)(2)(B) purposes.		
5a	Did the organization add, substitute, or remove any supported organizations during the tax year? If "Yes," answer lines 5b and 5c below (if applicable). Also, provide detail in Part VI , including (i) the names and EIN numbers of the supported organizations added, substituted, or removed; (ii) the reasons for each such action; (iii) the authority under the organization's organizing document authorizing such action; and (iv) how the action was accomplished (such as by amendment to the organizing document).		
b	Type I or Type II only. Was any added or substituted supported organization part of a class already designated in the organization's organizing document?		
c	Substitutions only. Was the substitution the result of an event beyond the organization's control?		
6	Did the organization provide support (whether in the form of grants or the provision of services or facilities) to anyone other than (i) its supported organizations, (ii) individuals that are part of the charitable class benefited by one or more of its supported organizations, or (iii) other supporting organizations that also support or benefit one or more of the filing organization's supported organizations? If "Yes," provide detail in Part VI .		
7	Did the organization provide a grant, loan, compensation, or other similar payment to a substantial contributor (defined in section 4958(c)(3)(C)), a family member of a substantial contributor, or a 35% controlled entity with regard to a substantial contributor? If "Yes," complete Part I of Schedule L (Form 990) .		
8	Did the organization make a loan to a disqualified person (as defined in section 4958) not described on line 7? If "Yes," complete Part I of Schedule L (Form 990).		
9a	Was the organization controlled directly or indirectly at any time during the tax year by one or more disqualified persons, as defined in section 4946 (other than foundation managers and organizations described in section 509(a)(1) or (2))? If "Yes," provide detail in Part VI .		
b	Did one or more disqualified persons (as defined on line 9a) hold a controlling interest in any entity in which the supporting organization had an interest? If "Yes," provide detail in Part VI .		
c	Did a disqualified person (as defined on line 9a) have an ownership interest in, or derive any personal benefit from, assets in which the supporting organization also had an interest? If "Yes," provide detail in Part VI .		
10a	Was the organization subject to the excess business holdings rules of section 4943 because of section 4943(f) (regarding certain Type II supporting organizations, and all Type III non-functionally integrated supporting organizations)? If "Yes," answer line 10b below.		
b	Did the organization have any excess business holdings in the tax year? (Use Schedule C, Form 4720, to determine whether the organization had excess business holdings).		

Part IV Supporting Organizations (continued)

	Yes	No
11 Has the organization accepted a gift or contribution from any of the following persons?		
a A person who directly or indirectly controls, either alone or together with persons described on lines 11b and 11c below, the governing body of a supported organization?		
b A family member of a person described on 11a above?		
c A 35% controlled entity of a person described on line 11a or 11b above? <i>If "Yes" to 11a, 11b, or 11c, provide detail in Part VI</i>		

Section B. Type I Supporting Organizations

	Yes	No
1 Did the officers, directors, trustees, or membership of one or more supported organizations have the power to regularly appoint or elect at least a majority of the organization's directors or trustees at all times during the tax year? <i>If "No," describe in Part VI how the supported organization(s) effectively operated, supervised, or controlled the organization's activities. If the organization had more than one supported organization, describe how the powers to appoint and/or remove directors or trustees were allocated among the supported organizations and what conditions or restrictions, if any, applied to such powers during the tax year.</i>		
2 Did the organization operate for the benefit of any supported organization other than the supported organization(s) that operated, supervised, or controlled the supporting organization? <i>If "Yes," explain in Part VI how providing such benefit carried out the purposes of the supported organization(s) that operated, supervised or controlled the supporting organization.</i>		

Section C. Type II Supporting Organizations

	Yes	No
1 Were a majority of the organization's directors or trustees during the tax year also a majority of the directors or trustees of each of the organization's supported organization(s)? <i>If "No," describe in Part VI how control or management of the supporting organization was vested in the same persons that controlled or managed the supported organization(s).</i>		

Section D. All Type III Supporting Organizations

	Yes	No
1 Did the organization provide to each of its supported organizations, by the last day of the fifth month of the organization's tax year, (i) a written notice describing the type and amount of support provided during the prior tax year, (ii) a copy of the Form 990 that was most recently filed as of the date of notification, and (iii) copies of the organization's governing documents in effect on the date of notification, to the extent not previously provided?		
2 Were any of the organization's officers, directors, or trustees either (i) appointed or elected by the supported organization(s) or (ii) serving on the governing body of a supported organization? <i>If "No," explain in Part VI how the organization maintained a close and continuous working relationship with the supported organization(s).</i>		
3 By reason of the relationship described in line 2 above, did the organization's supported organizations have a significant voice in the organization's investment policies and in directing the use of the organization's income or assets at all times during the tax year? <i>If "Yes," describe in Part VI the role the organization's supported organizations played in this regard.</i>		

Section E. Type III Functionally-Integrated Supporting Organizations

1 Check the box next to the method that the organization used to satisfy the Integral Part Test during the year (**see instructions**):

- a** The organization satisfied the Activities Test. Complete **line 2** below.
- b** The organization is the parent of each of its supported organizations. Complete **line 3** below.
- c** The organization supported a governmental entity. Describe in **Part VI** how you supported a government entity (see instructions)

2 Activities Test. **Answer lines 2a and 2b below.**

	Yes	No
a Did substantially all of the organization's activities during the tax year directly further the exempt purposes of the supported organization(s) to which the organization was responsive? <i>If "Yes," then in Part VI identify those supported organizations and explain how these activities directly furthered their exempt purposes, how the organization was responsive to those supported organizations, and how the organization determined that these activities constituted substantially all of its activities.</i>		
b Did the activities described on line 2a, above constitute activities that, but for the organization's involvement, one or more of the organization's supported organization(s) would have been engaged in? <i>If "Yes," explain in Part VI the reasons for the organization's position that its supported organization(s) would have engaged in these activities but for the organization's involvement.</i>		

3 Parent of Supported Organizations. **Answer lines 3a and 3b below.**

	Yes	No
a Did the organization have the power to regularly appoint or elect a majority of the officers, directors, or trustees of each of the supported organizations? <i>If "Yes" or "No", provide details in Part VI.</i>		
b Did the organization exercise a substantial degree of direction over the policies, programs and activities of each of its supported organizations? <i>If "Yes," describe in Part VI. the role played by the organization in this regard.</i>		

Part V Type III Non-Functionally Integrated 509(a)(3) Supporting Organizations

- 1** Check here if the organization satisfied the Integral Part Test as a qualifying trust on Nov. 20, 1970 (explain in **Part VI**). See instructions. All other Type III non-functionally integrated supporting organizations must complete Sections A through E.

Section A - Adjusted Net Income

(A) Prior Year

(B) Current Year
(optional)

- | | | (A) Prior Year | (B) Current Year
(optional) |
|---|----------|----------------|--------------------------------|
| 1 Net short-term capital gain | 1 | | |
| 2 Recoveries of prior-year distributions | 2 | | |
| 3 Other gross income (see instructions) | 3 | | |
| 4 Add lines 1 through 3 | 4 | | |
| 5 Depreciation and depletion | 5 | | |
| 6 Portion of operating expenses paid or incurred for production or collection of gross income or for management, conservation, or maintenance of property held for production of income (see instructions) | 6 | | |
| 7 Other expenses (see instructions) | 7 | | |
| 8 Adjusted Net Income (subtract lines 5, 6 and 7 from line 4) | 8 | | |

Section B - Minimum Asset Amount

(A) Prior Year

(B) Current Year
(optional)

- | | | (A) Prior Year | (B) Current Year
(optional) |
|--|-----------|----------------|--------------------------------|
| 1 Aggregate fair market value of all non-exempt-use assets (see instructions for short tax year or assets held for part of year): | 1 | | |
| a Average monthly value of securities | 1a | | |
| b Average monthly cash balances | 1b | | |
| c Fair market value of other non-exempt-use assets | 1c | | |
| d Total (add lines 1a, 1b, and 1c) | 1d | | |
| e Discount claimed for blockage or other factors (explain in detail in Part VI): | | | |
| 2 Acquisition indebtedness applicable to non-exempt use assets | 2 | | |
| 3 Subtract line 2 from line 1d | 3 | | |
| 4 Cash deemed held for exempt use. Enter 0.015 of line 3 (for greater amount, see instructions). | 4 | | |
| 5 Net value of non-exempt-use assets (subtract line 4 from line 3) | 5 | | |
| 6 Multiply line 5 by 0.035 | 6 | | |
| 7 Recoveries of prior-year distributions | 7 | | |
| 8 Minimum Asset Amount (add line 7 to line 6) | 8 | | |

Section C - Distributable Amount

Current Year

- | | | Current Year |
|--|----------|--------------|
| 1 Adjusted net income for prior year (from Section A, line 8, Column A) | 1 | |
| 2 Enter 85% of line 1 | 2 | |
| 3 Minimum asset amount for prior year (from Section B, line 8, Column A) | 3 | |
| 4 Enter greater of line 2 or line 3 | 4 | |
| 5 Income tax imposed in prior year | 5 | |
| 6 Distributable Amount. Subtract line 5 from line 4, unless subject to emergency temporary reduction (see instructions) | 6 | |

- 7** Check here if the current year is the organization's first as a non-functionally-integrated Type III supporting organization (see instructions)

Part V Type III Non-Functionally Integrated 509(a)(3) Supporting Organizations

(continued)

Section D - Distributions		Current Year
1 Amounts paid to supported organizations to accomplish exempt purposes	1	
2 Amounts paid to perform activity that directly furthers exempt purposes of supported organizations, in excess of income from activity	2	
3 Administrative expenses paid to accomplish exempt purposes of supported organizations	3	
4 Amounts paid to acquire exempt-use assets	4	
5 Qualified set-aside amounts (prior IRS approval required - provide details in Part VI)	5	
6 Other distributions (describe in Part VI). See instructions	6	
7 Total annual distributions. Add lines 1 through 6.	7	
8 Distributions to attentive supported organizations to which the organization is responsive (provide details in Part VI). See instructions	8	
9 Distributable amount for 2021 from Section C, line 6	9	
10 Line 8 amount divided by Line 9 amount	10	

Section E - Distribution Allocations (see instructions)	(i) Excess Distributions	(ii) Underdistributions Pre-2021	(iii) Distributable Amount for 2021
1 Distributable amount for 2021 from Section C, line 6			
2 Underdistributions, if any, for years prior to 2021 (reasonable cause required-- explain in Part VI). See instructions.			
3 Excess distributions carryover, if any, to 2021:			
a From 2016.			
b From 2017.			
c From 2018.			
d From 2019.			
e From 2020.			
f Total of lines 3a through e			
g Applied to underdistributions of prior years			
h Applied to 2021 distributable amount			
i Carryover from 2016 not applied (see instructions)			
j Remainder. Subtract lines 3g, 3h, and 3i from line 3f.			
4 Distributions for 2021 from Section D, line 7: \$			
a Applied to underdistributions of prior years			
b Applied to 2021 distributable amount			
c Remainder. Subtract lines 4a and 4b from line 4.			
5 Remaining underdistributions for years prior to 2021, if any. Subtract lines 3g and 4a from line 2. If the amount is greater than zero, explain in Part VI . See instructions.			
6 Remaining underdistributions for 2021. Subtract lines 3h and 4b from line 1. If the amount is greater than zero, explain in Part VI . See instructions.			
7 Excess distributions carryover to 2022. Add lines 3j and 4c.			
8 Breakdown of line 7:			
a Excess from 2017.			
b Excess from 2018.			
c Excess from 2019.			
d Excess from 2020.			
e Excess from 2021.			

Part VI Supplemental Information. Provide the explanations required by Part II, line 10; Part II, line 17a or 17b; Part III, line 12; Part IV, Section A, lines 1, 2, 3b, 3c, 4b, 4c, 5a, 6, 9a, 9b, 9c, 11a, 11b, and 11c; Part IV, Section B, lines 1 and 2; Part IV, Section C, line 1; Part IV, Section D, lines 2 and 3; Part IV, Section E, lines 1c, 2a, 2b, 3a and 3b; Part V, line 1; Part V, Section B, line 1e; Part V Section D, lines 5, 6, and 8; and Part V, Section E, lines 2, 5, and 6. Also complete this part for any additional information. (See instructions).

Facts And Circumstances Test

THE ORGANIZATION MEETS THE 'FACTS AND CIRCUMSTANCES' TEST FOR THE FOLLOWING REASONS: (1) TBI HAS AN ABSOLUTE MINIMUM OF 10% PUBLIC SUPPORT UNDER THIS TEST, (2) THE CURRENT SUPPORT TEST IS CLOSE TO ONE THIRD OF TOTAL SUPPORT, (3) THE ORGANIZATION'S SUPPORT COMES FROM A BROAD NUMBER OF DONORS, (4) THE ORGANIZATION HAS A GOVERNING BODY THAT IS MORE REPRESENTATIVE OF BROAD PUBLIC INTERESTS, (5) THE ORGANIZATION'S ACTIVITIES DIRECTLY BENEFIT THE PUBLIC, AND (6) A FUNDRAISING PROGRAM IS IN PLACE THAT GENERATES BROAD PUBLIC SUPPORT.

Return Reference

Explanation

Additional Data

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Supplemental Financial Statements

2021

Open to Public Inspection

▶ **Complete if the organization answered "Yes," on Form 990, Part IV, line 6, 7, 8, 9, 10, 11a, 11b, 11c, 11d, 11e, 11f, 12a, or 12b.**

▶ **Attach to Form 990.**

▶ **Go to www.irs.gov/Form990 for instructions and the latest information.**

Department of the Treasury
Internal Revenue Service

Name of the organization
THE BIOMIMICRY INSTITUTE

Employer identification number
86-1153859

Part I Organizations Maintaining Donor Advised Funds or Other Similar Funds or Accounts.

Complete if the organization answered "Yes" on Form 990, Part IV, line 6.

	(a) Donor advised funds	(b) Funds and other accounts
1 Total number at end of year		
2 Aggregate value of contributions to (during year)		
3 Aggregate value of grants from (during year)		
4 Aggregate value at end of year		

- 5 Did the organization inform all donors and donor advisors in writing that the assets held in donor advised funds are the organization's property, subject to the organization's exclusive legal control? Yes No
- 6 Did the organization inform all grantees, donors, and donor advisors in writing that grant funds can be used only for charitable purposes and not for the benefit of the donor or donor advisor, or for any other purpose conferring impermissible private benefit? Yes No

Part II Conservation Easements.

Complete if the organization answered "Yes" on Form 990, Part IV, line 7.

- 1 Purpose(s) of conservation easements held by the organization (check all that apply).
 Preservation of land for public use (e.g., recreation or education) Preservation of an historically important land area
 Protection of natural habitat Preservation of a certified historic structure
 Preservation of open space

2 Complete lines 2a through 2d if the organization held a qualified conservation contribution in the form of a conservation easement on the last day of the tax year.

	Held at the End of the Year
a Total number of conservation easements	2a
b Total acreage restricted by conservation easements	2b
c Number of conservation easements on a certified historic structure included in (a)	2c
d Number of conservation easements included in (c) acquired after 7/25/06, and not on a historic structure listed in the National Register	2d

- 3 Number of conservation easements modified, transferred, released, extinguished, or terminated by the organization during the tax year ▶ _____
- 4 Number of states where property subject to conservation easement is located ▶ _____
- 5 Does the organization have a written policy regarding the periodic monitoring, inspection, handling of violations, and enforcement of the conservation easements it holds? Yes No
- 6 Staff and volunteer hours devoted to monitoring, inspecting, handling of violations, and enforcing conservation easements during the year
▶ _____
- 7 Amount of expenses incurred in monitoring, inspecting, handling of violations, and enforcing conservation easements during the year
▶ \$ _____
- 8 Does each conservation easement reported on line 2(d) above satisfy the requirements of section 170(h)(4)(B)(i) and section 170(h)(4)(B)(ii)? Yes No
- 9 In Part XIII, describe how the organization reports conservation easements in its revenue and expense statement, and balance sheet, and include, if applicable, the text of the footnote to the organization's financial statements that describes the organization's accounting for conservation easements.

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets.

Complete if the organization answered "Yes" on Form 990, Part IV, line 8.

- 1a If the organization elected, as permitted under FASB ASC 958, not to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide, in Part XIII, the text of the footnote to its financial statements that describes these items.
- b If the organization elected, as permitted under FASB ASC 958, to report in its revenue statement and balance sheet works of art, historical treasures, or other similar assets held for public exhibition, education, or research in furtherance of public service, provide the following amounts relating to these items:
- (i) Revenue included on Form 990, Part VIII, line 1 ▶ \$ _____
- (ii) Assets included in Form 990, Part X ▶ \$ _____
- 2 If the organization received or held works of art, historical treasures, or other similar assets for financial gain, provide the following amounts required to be reported under FASB ASC 958 relating to these items:
- a Revenue included on Form 990, Part VIII, line 1 ▶ \$ _____
- b Assets included in Form 990, Part X ▶ \$ _____

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets (continued)

- 3** Using the organization's acquisition, accession, and other records, check any of the following that are a significant use of its collection items (check all that apply):
- a** Public exhibition
 - b** Scholarly research
 - c** Preservation for future generations
 - d** Loan or exchange programs
 - e** Other
- 4** Provide a description of the organization's collections and explain how they further the organization's exempt purpose in Part XIII.
- 5** During the year, did the organization solicit or receive donations of art, historical treasures or other similar assets to be sold to raise funds rather than to be maintained as part of the organization's collection? . . . **Yes** **No**

Part IV Escrow and Custodial Arrangements.

Complete if the organization answered "Yes" on Form 990, Part IV, line 9, or reported an amount on Form 990, Part X, line 21.

- 1a** Is the organization an agent, trustee, custodian or other intermediary for contributions or other assets not included on Form 990, Part X? **Yes** **No**
- b** If "Yes," explain the arrangement in Part XIII and complete the following table:
- | | Amount |
|--|-----------|
| c Beginning balance | 1c |
| d Additions during the year | 1d |
| e Distributions during the year | 1e |
| f Ending balance | 1f |
- 2a** Did the organization include an amount on Form 990, Part X, line 21, for escrow or custodial account liability? **Yes** **No**
- b** If "Yes," explain the arrangement in Part XIII. Check here if the explanation has been provided in Part XIII

Part V Endowment Funds.

Complete if the organization answered "Yes" on Form 990, Part IV, line 10.

	(a) Current year	(b) Prior year	(c) Two years back	(d) Three years back	(e) Four years back
1a Beginning of year balance					
b Contributions					
c Net investment earnings, gains, and losses					
d Grants or scholarships					
e Other expenditures for facilities and programs					
f Administrative expenses					
g End of year balance					

- 2** Provide the estimated percentage of the current year end balance (line 1g, column (a)) held as:
- a** Board designated or quasi-endowment ▶
 - b** Permanent endowment ▶
 - c** Term endowment ▶
- The percentages on lines 2a, 2b, and 2c should equal 100%.

- 3a** Are there endowment funds not in the possession of the organization that are held and administered for the organization by:
- | | Yes | No |
|--|---------------|----|
| (i) Unrelated organizations | 3a(i) | |
| (ii) Related organizations | 3a(ii) | |
| b If "Yes" on 3a(ii), are the related organizations listed as required on Schedule R? | 3b | |
- 4** Describe in Part XIII the intended uses of the organization's endowment funds.

Part VI Land, Buildings, and Equipment.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11a. See Form 990, Part X, line 10.

Description of property	(a) Cost or other basis (investment)	(b) Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1a Land				
b Buildings				
c Leasehold improvements				
d Equipment		24,226	17,421	6,805
e Other		177,428	42,709	134,719
Total. Add lines 1a through 1e. (Column (d) must equal Form 990, Part X, column (B), line 10(c).) . . . ▶				141,524

Part VII Investments - Other Securities.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11b. See Form 990, Part X, line 12.

(a) Description of security or category (including name of security)	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1) Financial derivatives		
(2) Closely-held equity interests		
(3) Other _____		
(A)		
(B)		
(C)		
(D)		
(E)		
(F)		
(G)		
(H)		
Total. (Column (b) must equal Form 990, Part X, col. (B) line 12.)		

Part VIII Investments - Program Related.

Complete if the organization answered 'Yes' on Form 990, Part IV, line 11c. See Form 990, Part X, line 13.

(a) Description of investment	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1)		
(2)		
(3)		
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
Total. (Column (b) must equal Form 990, Part X, col.(B) line 13.)		

Part IX Other Assets.

Complete if the organization answered 'Yes' on Form 990, Part IV, line 11d. See Form 990, Part X, line 15.

(a) Description	(b) Book value
(1)	
(2)	
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
Total. (Column (b) must equal Form 990, Part X, col.(B) line 15.)	

Part X Other Liabilities.

Complete if the organization answered 'Yes' on Form 990, Part IV, line 11e or 11f. See Form 990, Part X, line 25.

1. (a) Description of liability	(b) Book value
(1) Federal income taxes	
(2)	
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
Total. (Column (b) must equal Form 990, Part X, col.(B) line 25.)	

2. Liability for uncertain tax positions. In Part XIII, provide the text of the footnote to the organization's financial statements that reports the organization's liability for uncertain tax positions under FIN 48 (ASC 740). Check here if the text of the footnote has been provided in Part XIII

Part XI Reconciliation of Revenue per Audited Financial Statements With Revenue per Return.

Complete if the organization answered 'Yes' on Form 990, Part IV, line 12a.

1	Total revenue, gains, and other support per audited financial statements		1	2,088,074
2	Amounts included on line 1 but not on Form 990, Part VIII, line 12:			
a	Net unrealized gains (losses) on investments	2a		
b	Donated services and use of facilities	2b	81,548	
c	Recoveries of prior year grants	2c		
d	Other (Describe in Part XIII.)	2d		
e	Add lines 2a through 2d	2e	81,548	
3	Subtract line 2e from line 1	3	2,006,526	
4	Amounts included on Form 990, Part VIII, line 12, but not on line 1:			
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a		
b	Other (Describe in Part XIII.)	4b		
c	Add lines 4a and 4b	4c	0	
5	Total revenue. Add lines 3 and 4c . (This must equal Form 990, Part I, line 12.)	5	2,006,526	

Part XII Reconciliation of Expenses per Audited Financial Statements With Expenses per Return.

Complete if the organization answered 'Yes' on Form 990, Part IV, line 12a.

1	Total expenses and losses per audited financial statements		1	2,274,666
2	Amounts included on line 1 but not on Form 990, Part IX, line 25:			
a	Donated services and use of facilities	2a	81,548	
b	Prior year adjustments	2b		
c	Other losses	2c		
d	Other (Describe in Part XIII.)	2d		
e	Add lines 2a through 2d	2e	81,548	
3	Subtract line 2e from line 1	3	2,193,118	
4	Amounts included on Form 990, Part IX, line 25, but not on line 1:			
a	Investment expenses not included on Form 990, Part VIII, line 7b	4a		
b	Other (Describe in Part XIII.)	4b		
c	Add lines 4a and 4b	4c	0	
5	Total expenses. Add lines 3 and 4c . (This must equal Form 990, Part I, line 18.)	5	2,193,118	

Part XIII Supplemental Information

Provide the descriptions required for Part II, lines 3, 5, and 9; Part III, lines 1a and 4; Part IV, lines 1b and 2b; Part V, line 4; Part X, line 2; Part XI, lines 2d and 4b; and Part XII, lines 2d and 4b. Also complete this part to provide any additional information.

Return Reference	Explanation
PART X, LINE 2:	THE INSTITUTE FOLLOWS THE AUTHORITATIVE GUIDANCE RELATING TO ACCOUNTING FOR UNCERTAINTY IN INCOME TAXES INCLUDED IN ACCOUNTING STANDARDS CODIFICATION TOPIC 740-10, INCOME TAXES. THESE PROVISIONS PROVIDE CONSISTENT GUIDANCE FOR THE ACCOUNTING FOR UNCERTAINTY IN INCOME TAXES RECOGNIZED IN AN ENTITY'S FINANCIAL STATEMENTS AND PRESCRIBE A THRESHOLD OF "MORE LIKELY THAN NOT" FOR RECOGNITION AND DERECOGNITION OF TAX POSITIONS TAKEN OR EXPECTED TO BE TAKEN IN A TAX RETURN. IT IS THE INSTITUTE'S POLICY TO RECOGNIZE INTEREST AND/OR PENALTIES RELATED TO UNCERTAIN TAX POSITIONS, IF ANY, IN INCOME TAX EXPENSES. THE INSTITUTE PERFORMED AN EVALUATION OF UNCERTAIN TAX POSITIONS FOR THE YEAR ENDED DECEMBER 31, 2021 AND DETERMINED THAT THERE WERE NO MATTERS THAT WOULD REQUIRE RECOGNITION IN THE FINANCIAL STATEMENTS OR THAT MAY HAVE ANY EFFECT ON ITS TAX-EXEMPT STATUS. THE STATUTE OF LIMITATIONS GENERALLY REMAINS OPEN FOR THREE TAX YEARS WITH THE U.S. FEDERAL JURISDICTION OR THE VARIOUS STATES AND LOCAL JURISDICTIONS IN WHICH THE INSTITUTE FILES TAX RETURNS.

Additional Data

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Note: To capture the full content of this document, please select landscape mode (11" x 8.5") when printing.

**Schedule I
(Form 990)**

**Grants and Other Assistance to Organizations,
Governments and Individuals in the United States**

OMB No. 1545-0047

2021

**Open to Public
Inspection**

Complete if the organization answered "Yes," on Form 990, Part IV, line 21 or 22.

▶ Attach to Form 990.

▶ Go to www.irs.gov/Form990 for the latest information.

Department of the
Treasury
Internal Revenue Service

Name of the organization
THE BIOMIMICRY INSTITUTE

Employer identification number

86-1153859

Part I General Information on Grants and Assistance

- 1** Does the organization maintain records to substantiate the amount of the grants or assistance, the grantees' eligibility for the grants or assistance, and the selection criteria used to award the grants or assistance? Yes No
- 2** Describe in Part IV the organization's procedures for monitoring the use of grant funds in the United States.

Part II Grants and Other Assistance to Domestic Organizations and Domestic Governments. Complete if the organization answered "Yes" on Form 990, Part IV, line 21, for any recipient that received more than \$5,000. Part II can be duplicated if additional space is needed.

(a) Name and address of organization or government	(b) EIN	(c) IRC section (if applicable)	(d) Amount of cash grant	(e) Amount of non-cash assistance	(f) Method of valuation (book, FMV, appraisal, other)	(g) Description of noncash assistance	(h) Purpose of grant or assistance
(1) YALE SCHOOL OF THE ENVIRONMENT YALE UNIVERSITY 195 PROSPECT STREET NEW HAVEN, CT 06511	06-0646973	501(C)(3)	20,700	0			GIFT TO SCHOOL FOR THEIR GREEN CHEMISTRY AND GREEN ENGINEERING PROGRAM
(2) NETWORK FOR GOOD 1140 CONNECTICUT AVENUE NW 700 WASHINGTON, DC 20036	68-0480736	501(C)(3)	5,198	0			GIFT TO NON-PROFIT ORGANIZATIONS ON BEHALF OF THE WINNERS OF OUR YOUTH DESIGN CHALLENGE PROGRAM

- 2** Enter total number of section 501(c)(3) and government organizations listed in the line 1 table 2
- 3** Enter total number of other organizations listed in the line 1 table 2

Part III Grants and Other Assistance to Domestic Individuals. Complete if the organization answered "Yes" on Form 990, Part IV, line 22.

Part III can be duplicated if additional space is needed.

(a) Type of grant or assistance	(b) Number of recipients	(c) Amount of cash grant	(d) Amount of noncash assistance	(e) Method of valuation (book, FMV, appraisal, other)	(f) Description of noncash assistance
(1)					
(2)					
(3)					
(4)					
(5)					
(6)					
(7)					

Part IV Supplemental Information. Provide the information required in Part I, line 2; Part III, column (b); and any other additional information.

Return Reference	Explanation
PART I, LINE 2:	THE GUIDELINES FOR DESIGN SUBMISSION AND RULES THAT OVERSEE THE YOUTH DESIGN CHALLENGE AND AWARD PROCESS ARE POSTED ON OUR CHALLENGE WEBSITE, YOUTHCHALLENGE.BIOMIMICRY.ORG. THE PRIZE AWARDS ARE DISTRIBUTED AT THE END OF THE CHALLENGE AND AS THEY ARE TRUE PRIZES, NO MONITORING OF FUNDS IS REQUIRED. HOWEVER, OUR GUIDELINES ON THE FRONT END OF THE CHALLENGE DICTATE HOW THE DESIGNS ARE JUDGED AND THE SELECTION CRITERIA WE USE TO DETERMINE THE PRIZE AWARD WINNERS. FOR MONITORING THE USE OF GENERAL GRANT FUNDS, WE AS A MATTER OF PRACTICE, REQUIRE A SIGNED AGREEMENT WHICH OUTLINES THE CONDITIONS OF THE GRANT REQUIRING EACH RECIPIENT TO SUBMIT A FINAL PROJECT REPORT INCLUDING A NARRATIVE OF PROGRAMMATIC ACTIVITIES AND CORRESPONDING PROJECT FINANCIAL ACTIVITIES AS WELL AS AN ITEMIZATION OF EXPENSED FUNDS.

Additional Data

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Schedule J
(Form 990)

Compensation Information

OMB No. 1545-0047

For certain Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees

- ▶ **Complete if the organization answered "Yes" on Form 990, Part IV, line 23.**
- ▶ **Attach to Form 990.**
- ▶ **Go to www.irs.gov/Form990 for instructions and the latest information.**

2021

Open to Public Inspection

Department of the Treasury
Internal Revenue Service

Name of the organization
THE BIOMIMICRY INSTITUTE

Employer identification number
86-1153859

Part I Questions Regarding Compensation

- 1a** Check the appropriate box(es) if the organization provided any of the following to or for a person listed on Form 990, Part VII, Section A, line 1a. Complete Part III to provide any relevant information regarding these items.
- | | |
|---|--|
| <input type="checkbox"/> First-class or charter travel | <input type="checkbox"/> Housing allowance or residence for personal use |
| <input type="checkbox"/> Travel for companions | <input type="checkbox"/> Payments for business use of personal residence |
| <input type="checkbox"/> Tax idemnification and gross-up payments | <input type="checkbox"/> Health or social club dues or initiation fees |
| <input type="checkbox"/> Discretionary spending account | <input type="checkbox"/> Personal services (e.g., maid, chauffeur, chef) |

b If any of the boxes on Line 1a are checked, did the organization follow a written policy regarding payment or reimbursement or provision of all of the expenses described above? If "No," complete Part III to explain

2 Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all directors, trustees, officers, including the CEO/Executive Director, regarding the items checked on Line 1a?

3 Indicate which, if any, of the following the filing organization used to establish the compensation of the organization's CEO/Executive Director. Check all that apply. Do not check any boxes for methods used by a related organization to establish compensation of the CEO/Executive Director, but explain in Part III.

- | | |
|---|---|
| <input type="checkbox"/> Compensation committee | <input type="checkbox"/> Written employment contract |
| <input type="checkbox"/> Independent compensation consultant | <input type="checkbox"/> Compensation survey or study |
| <input checked="" type="checkbox"/> Form 990 of other organizations | <input checked="" type="checkbox"/> Approval by the board or compensation committee |

4 During the year, did any person listed on Form 990, Part VII, Section A, line 1a, with respect to the filing organization or a related organization:

- a** Receive a severance payment or change-of-control payment?
 - b** Participate in, or receive payment from, a supplemental nonqualified retirement plan?
 - c** Participate in, or receive payment from, an equity-based compensation arrangement?
- If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III.

Only 501(c)(3), 501(c)(4), and 501(c)(29) organizations must complete lines 5-9.

5 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the revenues of:

- a** The organization?
 - b** Any related organization?
- If "Yes," on line 5a or 5b, describe in Part III.

6 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the net earnings of:

- a** The organization?
 - b** Any related organization?
- If "Yes," on line 6a or 6b, describe in Part III.

7 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization provide any nonfixed payments not described in lines 5 and 6? If "Yes," describe in Part III.

8 Were any amounts reported on Form 990, Part VII, paid or accrued pursuant to a contract that was subject to the initial contract exception described in Regulations section 53.4958-4(a)(3)? If "Yes," describe in Part III.

9 If "Yes" on line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53.4958-6(c)?

	Yes	No
1b		
2		
4a		No
4b		No
4c		No
5a		No
5b		No
6a		No
6b		No
7		No
8		No
9		

Part III Supplemental Information

Provide the information, explanation, or descriptions required for Part I, lines 1a, 1b, 3, 4a, 4b, 4c, 5a, 5b, 6a, 6b, 7, and 8, and for Part II. Also complete this part for any additional information.

Return Reference	Explanation
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Additional Data

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SCHEDULE O
(Form 990)**Supplemental Information to Form 990 or 990-EZ**

Complete to provide information for responses to specific questions on
Form 990 or 990-EZ or to provide any additional information.

▶ Attach to Form 990 or 990-EZ.

▶ Go to www.irs.gov/Form990 for the latest information.

2021**Open to Public
Inspection**

Department of the Treasury
Internal Revenue Service

Name of the organization
THE BIOMIMICRY INSTITUTE

Employer identification number

86-1153859

Return Reference	Explanation
FORM 990, PART VI, SECTION B, LINE 11B	THE FOLLOWING IS THE OFFICIAL BIOMIMICRY INSTITUTE 990 POLICY INCLUDED AS PART OF ITS BOARD OF DIRECTORS' GOVERNANCE POLICIES: THE BIOMIMICRY INSTITUTE RECOGNIZES THAT THE BOARD OF DIRECTORS HAS THE RIGHT TO REVIEW THE FORM 990 PRIOR TO ITS FILING. PROCEDURE IS AS FOLLOWS: A. THE BIOMIMICRY'S SENIOR MANAGEMENT IS RESPONSIBLE FOR THE TIMELY PREPARATION OF FORM 990. B. THE COMPLETED FORM 990 IS PROVIDED TO THE FINANCE COMMITTEE OF THE BOARD OF DIRECTORS SUFFICIENTLY IN ADVANCE OF THE FILING DEADLINE TO ENABLE A COMPREHENSIVE AND CAREFUL REVIEW BY ALL MEMBERS OF THE COMMITTEE. QUESTIONS AND CONCERNS OF THE FINANCE COMMITTEE MEMBERS ARE ADDRESSED BY THE BIOMIMICRY INSTITUTE'S FINANCIAL OFFICER AND INCORPORATED INTO THE FORM 990 AS APPROPRIATE. C. ALL MEMBERS OF THE BOARD OF DIRECTORS ARE INVITED TO VIEW THE COMPLETED FORM 990 IN ADVANCE OF THE FILING DEADLINE. QUESTIONS AND CONCERNS OF THE BOARD ARE ADDRESSED BY THE BIOMIMICRY INSTITUTE'S FINANCIAL OFFICER AND INCORPORATED INTO THE FORM 990 AS APPROPRIATE. D. AFTER ALL OF THE INPUT FROM THE BOARD OF DIRECTORS AND FINANCE COMMITTEE HAS BEEN APPROPRIATELY ADDRESSED, SENIOR MANAGEMENT OF THE BIOMIMICRY INSTITUTE FILES THE FINAL FORM 990 AS REQUIRED.
FORM 990, PART VI, SECTION B, LINE 12C	ACCORDING TO THE BIOMIMICRY INSTITUTE'S (TBI) CONFLICT OF INTEREST POLICY EACH DIRECTOR, PRINCIPAL, OFFICER AND MEMBER OF THE COMMITTEE WITH GOVERNING BOARD-DELEGATED POWERS SHALL ANNUALLY SIGN A STATEMENT WHICH AFFIRMS SUCH PERSON: A. HAS RECEIVED A COPY OF THE CONFLICT OF INTEREST POLICY; B. HAS READ AND UNDERSTANDS THE POLICY; C. HAS AGREED TO COMPLY WITH THE POLICY; AND D. UNDERSTANDS TBI IS CHARITABLE AND IN ORDER TO MAINTAIN ITS FEDERAL TAX EXEMPTION IT MUST ENGAGE PRIMARILY IN ACTIVITIES WHICH ACCOMPLISH ONE OR MORE OF ITS TAX-EXEMPT PURPOSES. IN ADDITION, OUR POLICY CALLS FOR PERIODIC REVIEWS TO ENSURE TBI OPERATES IN A MANNER CONSISTENT WITH ITS CHARITABLE PURPOSES AND DOES NOT ENGAGE IN ACTIVITIES THAT COULD JEOPARDIZE ITS TAX-EXEMPT STATUS. THE PERIODIC REVIEWS SHALL, AT A MINIMUM, INCLUDE THE FOLLOWING SUBJECTS: A. WHETHER COMPENSATION ARRANGEMENTS AND BENEFITS ARE REASONABLE BASED ON COMPETENT SURVEY INFORMATION, AND THE RESULT OF ARMS LENGTH BARGAINING; B. WHETHER PARTNERSHIPS, JOINT VENTURES, AND REASONABLE INVESTMENT OF PAYMENTS FOR GOODS AND SERVICES, FURTHER CHARITABLE PURPOSES AND DO NOT RESULT IN INUREMENT, IMPERMISSIBLE PRIVATE BENEFIT OR IN AN EXCESS BENEFIT TRANSACTION.
FORM 990, PART VI, SECTION B, LINE 15	THE BOARD OF DIRECTORS CONDUCTS AN ANNUAL REVIEW OF TOTAL COMPENSATION AND BENEFITS FOR ALL OFFICERS AND KEY EMPLOYEES. PART OF THE REVIEW IS TO DETERMINE WHICH EMPLOYEES ARE OFFICERS OR KEY EMPLOYEES. THE REVIEW IS BASED ON COMPARABLE COMPENSATION DATA FOR SIMILARLY QUALIFIED PERSONS IN FUNCTIONALLY COMPARABLE POSITIONS AT SIMILARLY SITUATED ORGANIZATIONS. THE BOARD ALSO DOCUMENTS ITS DELIBERATIONS AND DECISIONS REGARDING THE COMPENSATION ARRANGEMENT AND AS TO ANY CHANGES TO BE IMPLEMENTED IN COMPENSATION OR BENEFITS FOR THE DESIGNATED PERSONS.
FORM 990, PART VI, SECTION C, LINE 19	THE 990, GOVERNING DOCUMENTS, POLICIES, AND FINANCIAL STATEMENTS ARE MADE AVAILABLE TO THE PUBLIC UPON REQUEST. THEY ARE ALSO AVAILABLE THROUGH THIRD PARTY SITES SUCH AS GUIDESTAR. THE 990 AND AUDITED FINANCIAL STATEMENTS ARE ALSO AVAILABLE ON OUR WEBSITE.
FORM 990, PART IX, LINE 11G	OTHER PROFESSIONAL SERVICES: PROGRAM SERVICE EXPENSES 579,432. MANAGEMENT AND GENERAL EXPENSES 16,470. FUNDRAISING EXPENSES 89,609. TOTAL EXPENSES 685,511.
FORM 990, PART XII, LINE 2C:	THE ORGANIZATION DID NOT CHANGE EITHER ITS OVERSIGHT PROCESS OR SELECTION PROCESS DURING THE TAX YEAR.

Additional Data

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