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Form 990-PF

Department of the Treasury
Internal Revenue ServiceReturn of Private Foundation
or Section 4947(a)(1) Nonexempt Charitable Trust

OMB No. 1545-0052

2012

Open to Public Inspection

Note. The foundation may be able to use a copy of this return to satisfy state reporting requirements

For calendar year 2012 or tax year beginning

, 2012, and ending

, 20

Name of foundation GORDON E. & BETTY I. MOORE FOUNDATION		A Employer identification number 94-3397785	
Number and street (or P O box number if mail is not delivered to street address) 1661 PAGE MILL ROAD		Room/suite	B Telephone number (see instructions) (650) 213-3000
City or town, state, and ZIP code PALO ALTO, CA 94304		C If exemption application is pending, check here ► <input type="checkbox"/>	
G Check all that apply <input type="checkbox"/> Initial return <input checked="" type="checkbox"/> Final return <input checked="" type="checkbox"/> Amended return <input type="checkbox"/> Address change <input type="checkbox"/> Name change		D 1 Foreign organizations, check here ► <input type="checkbox"/> 2. Foreign organizations meeting the 85% test, check here and attach computation ► <input type="checkbox"/>	
H Check type of organization <input checked="" type="checkbox"/> Section 501(c)(3) exempt private foundation <input type="checkbox"/> Section 4947(a)(1) nonexempt charitable trust <input type="checkbox"/> Other taxable private foundation		E If private foundation status was terminated under section 507(b)(1)(A), check here ► <input type="checkbox"/>	
I Fair market value of all assets at end of year (from Part II, col. (c), line 16) ► \$ 5,697,258,026.		J Accounting method: <input type="checkbox"/> Cash <input checked="" type="checkbox"/> Accrual <input type="checkbox"/> Other (specify) _____	
Part I Analysis of Revenue and Expenses (The total of amounts in columns (b), (c), and (d) may not necessarily equal the amounts in column (a) (see instructions))		(a) Revenue and expenses per books	(b) Net investment income
Revenue	1 Contributions, gifts, grants etc., received (attach schedule)		
	2 Check ► <input checked="" type="checkbox"/> If the foundation is not required to attach Sch. B		
	3 Interest on savings and temporary cash investments	285,356.	18,789,983
	4 Dividends and interest from securities	11,033,443.	67,894,167
	5a Gross rents		
	b Net rental income or (loss)		
	6a Net gain or (loss) from sale of assets not on line 10	178,256,374.	
	b Gross sales price for all assets on line 6a	5,448,625,408.	
	7 Capital gain net income (from Part II, line 2)		304,795,506.
	8 Net short-term capital gain		
	9 Income modifications		
	10a Gross sales less returns and allowances		
	b Less Cost of goods sold	155,719,349.	-19,026,204.
	c Gross profit or (loss) (attach schedule)		
	11 Other income (attach schedule) ATCH. 1	345,294,522.	372,453,452.
	12 Total. Add lines 1 through 11	3,162,412.	1,704,396.
		15,277,012.	4,362,728.
		5,188,933.	699,733.
	13 Compensation of officers, directors, trustees, etc	290,894.	132,942.
	14 Other employee salaries and wages	241,097.	194,181.
	15 Pension plans, employee benefits	12,847,275.	7,853,327.
	16a Legal fees (attach schedule) ATCH. 2		
	b Accounting fees (attach schedule) ATCH. 3		
	c Other professional fees (attach schedule) *		
	17 Interest		
	18 Taxes (attach schedule) (see instructions) ATCH. 5	10,750,347.	
19 Depreciation (attach schedule) and depletion	1,737,937.	13,078.	
20 Occupancy	920,526.	332,434.	
21 Travel, conferences, and meetings	1,902,967.	229,399.	
22 Printing and publications	26,902.	6,691.	
23 Other expenses (attach schedule) ATCH. 6	1,211,746.	255,368.	
24 Total operating and administrative expenses	53,558,048.	15,784,277.	
Add lines 13 through 23	222,338,888.		
25 Contributions, gifts, grants paid	275,896,936.	15,784,277.	
Total expenses and disbursements Add lines 24 and 25	69,397,586.		
27 Subtract line 26 from line 12	356,669,175.		
a Excess of revenue over expenses and disbursements			
b Net investment income (if negative, enter -0-)			
c Adjusted net income (if negative, enter -0-)			

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Operating and Administrative Expenses

6-319

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	Attached schedules and amounts in the description column should be for end-of-year amounts only (See instructions.)	Beginning of year	End of year	
		(a) Book Value	(b) Book Value	(c) Fair Market Value
Assets	1 Cash - non-interest-bearing	813.	813.	813.
	2 Savings and temporary cash investments	117,730,212.	223,997,792.	223,997,792.
	3 Accounts receivable ►			
	Less allowance for doubtful accounts ►			
	4 Pledges receivable ►			
	Less allowance for doubtful accounts ►			
	5 Grants receivable			
	6 Receivables due from officers, directors, trustees, and other disqualified persons (attach schedule) (see instructions)			
	7 Other notes and loans receivable (attach schedule) ►			
	Less allowance for doubtful accounts ►			
	8 Inventories for sale or use			
	9 Prepaid expenses and deferred charges	1,499,942.	597,671.	597,671.
	10 a Investments - U S and state government obligations (attach schedule). **	529,737,640.	558,976,497.	558,976,497.
	b Investments - corporate stock (attach schedule) ATCH 8	785,519,978.	720,857,204.	720,857,204.
	c Investments - corporate bonds (attach schedule)	3,330,582.		
	11 Investments - land, buildings, and equipment basis ►			
	Less accumulated depreciation ► (attach schedule)			
	12 Investments - mortgage loans			
	13 Investments - other (attach schedule) ATCH 9	3,771,824,383.	4,086,268,299.	4,086,268,299.
	14 Land, buildings, and equipment basis ►	64,620,441.		ATCH 10
	Less accumulated depreciation ► (attach schedule)	20,466,268.	44,154,173.	44,154,173.
	15 Other assets (describe ► ATCH 11)	111,688,916.	62,405,577.	62,405,577.
	16 Total assets (to be completed by all filers - see the instructions Also, see page 1, item I)	5,366,672,508.	5,697,258,026.	5,697,258,026.
Liabilities	17 Accounts payable and accrued expenses	9,578,413.	9,069,295.	
	18 Grants payable	48,376,915.	38,074,715.	
	19 Deferred revenue			
	20 Loans from officers, directors, trustees, and other disqualified persons			
	21 Mortgages and other notes payable (attach schedule)			
	22 Other liabilities (describe ► ATCH 12)	3,636,760.	5,093,458.	
	23 Total liabilities (add lines 17 through 22)	61,592,088.	52,237,468.	
Net Assets or Fund Balances	Foundations that follow SFAS 117, check here ► <input type="checkbox"/> and complete lines 24 through 26 and lines 30 and 31.			
	24 Unrestricted			
	25 Temporarily restricted			
	26 Permanently restricted			
	Foundations that do not follow SFAS 117, check here and complete lines 27 through 31. ► <input checked="" type="checkbox"/>			
	27 Capital stock, trust principal, or current funds			
	28 Paid-in or capital surplus, or land, bldg , and equipment fund			
	29 Retained earnings, accumulated income, endowment, or other funds	5,305,080,420.	5,645,020,558.	
	30 Total net assets or fund balances (see instructions)	5,305,080,420.	5,645,020,558.	
	31 Total liabilities and net assets/fund balances (see instructions)	5,366,672,508.	5,697,258,026.	

Part III Analysis of Changes in Net Assets or Fund Balances

1 Total net assets or fund balances at beginning of year - Part II, column (a), line 30 (must agree with end-of-year figure reported on prior year's return)	1	5,305,080,420.
2 Enter amount from Part I, line 27a	2	69,397,586.
3 Other increases not included in line 2 (itemize) ► ATCH 13	3	270,542,552.
4 Add lines 1, 2, and 3	4	5,645,020,558.
5 Decreases not included in line 2 (itemize) ►	5	
6 Total net assets or fund balances at end of year (line 4 minus line 5) - Part II, column (b), line 30	6	5,645,020,558.

**ATCH 7

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Part IV Capital Gains and Losses for Tax on Investment Income

(a) List and describe the kind(s) of property sold (e.g., real estate, 2-story brick warehouse, or common stock, 200 shs MLC Co.)			(b) How acquired P - Purchase D - Donation	(c) Date acquired (mo., day, yr.)	(d) Date sold (mo., day, yr.)
1a SEE PART IV SCHEDULE					
b					
c					
d					
e					
(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale		(h) Gain or (loss) (e) plus (f) minus (g)	
a					
b					
c					
d					
e					
Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69					
(i) F M V as of 12/31/69	(j) Adjusted basis as of 12/31/69	(k) Excess of col (i) over col (j), if any		(l) Gains (Col (h) gain minus col (k), but not less than -0-) or Losses (from col (h))	
a					
b					
c					
d					
e					
2 Capital gain net income or (net capital loss)	{ If gain, also enter in Part I, line 7 If (loss), enter -0- in Part I, line 7 }		2	304,795,506.	
3 Net short-term capital gain or (loss) as defined in sections 1222(5) and (6)	If gain, also enter in Part I, line 8, column (c) (see instructions) If (loss), enter -0- in Part I, line 8		3	0	

Part V Qualification Under Section 4940(e) for Reduced Tax on Net Investment Income

(For optional use by domestic private foundations subject to the section 4940(a) tax on net investment income)

If section 4940(d)(2) applies, leave this part blank

Was the foundation liable for the section 4942 tax on the distributable amount of any year in the base period?

 Yes No

If "Yes," the foundation does not qualify under section 4940(e). Do not complete this part.

1 Enter the appropriate amount in each column for each year, see the instructions before making any entries

(a) Base period years Calendar year (or tax year beginning in)	(b) Adjusted qualifying distributions	(c) Net value of noncharitable-use assets	(d) Distribution ratio (col (b) divided by col (c))
2011	262,359,423.	5,538,093,089.	0.047374
2010	268,944,638.	5,449,464,040.	0.049352
2009	225,119,079.	4,863,146,653.	0.046291
2008	297,310,478.	5,245,805,398.	0.056676
2007	309,776,346.	6,326,574,072.	0.048964
2 Total of line 1, column (d)			2 0.248657
3 Average distribution ratio for the 5-year base period - divide the total on line 2 by 5, or by the number of years the foundation has been in existence if less than 5 years			3 0.049731
4 Enter the net value of noncharitable-use assets for 2012 from Part X, line 5			4 5,523,150,893.
5 Multiply line 4 by line 3			5 274,671,817.
6 Enter 1% of net investment income (1% of Part I, line 27b)			6 3,566,692.
7 Add lines 5 and 6			7 278,238,509.
8 Enter qualifying distributions from Part XII, line 4			8 260,451,579.

If line 8 is equal to or greater than line 7, check the box in Part VI, line 1b, and complete that part using a 1% tax rate. See the Part VI instructions

Part VI Excise Tax Based on Investment Income (Section 4940(a), 4940(b), 4940(e), or 4948 - see instructions)

1a	Exempt operating foundations described in section 4940(d)(2), check here ► <input type="checkbox"/> and enter "N/A" on line 1 . . .	Date of ruling or determination letter _____ (attach copy of letter if necessary - see Instructions)	1	7,133,384.
b	Domestic foundations that meet the section 4940(e) requirements in Part V, check here ► <input type="checkbox"/> and enter 1% of Part I, line 27b . . .			
c	All other domestic foundations enter 2% of line 27b Exempt foreign organizations enter 4% of Part I, line 12, col (b)			
2	Tax under section 511 (domestic section 4947(a)(1) trusts and taxable foundations only Others enter -0-) . . .		2	
3	Add lines 1 and 2 . . .		3	7,133,384.
4	Subtitle A (income) tax (domestic section 4947(a)(1) trusts and taxable foundations only Others enter -0-) . . .		4	0
5	Tax based on investment income. Subtract line 4 from line 3 If zero or less, enter -0- . . .		5	7,133,384.
6	Credits/Payments			
a	2012 estimated tax payments and 2011 overpayment credited to 2012 . . .	6a	9,540,461.	
b	Exempt foreign organizations - tax withheld at source . . .	6b		
c	Tax paid with application for extension of time to file (Form 8868) . . .	6c		
d	Backup withholding erroneously withheld . . .	6d		
7	Total credits and payments Add lines 6a through 6d . . .		7	9,540,461.
8	Enter any penalty for underpayment of estimated tax Check here <input type="checkbox"/> if Form 2220 is attached . . .		8	
9	Tax due. If the total of lines 5 and 8 is more than line 7, enter amount owed . . .		9	
10	Overpayment. If line 7 is more than the total of lines 5 and 8, enter the amount overpaid . . .		10	2,407,077.
11	Enter the amount of line 10 to be Credited to 2013 estimated tax ► 2,407,077. Refunded ►		11	

Part VII-A Statements Regarding Activities

1a	During the tax year, did the foundation attempt to influence any national, state, or local legislation or did it participate or intervene in any political campaign? . . .	Yes	No
1b	Did it spend more than \$100 during the year (either directly or indirectly) for political purposes (see Instructions for the definition)? . . .	X	
1c	If the answer is "Yes" to 1a or 1b, attach a detailed description of the activities and copies of any materials published or distributed by the foundation in connection with the activities		
d	Did the foundation file Form 1120-POL for this year? . . .		
d	Enter the amount (if any) of tax on political expenditures (section 4955) imposed during the year (1) On the foundation ► \$ _____ (2) On foundation managers ► \$ _____		
e	Enter the reimbursement (if any) paid by the foundation during the year for political expenditure tax imposed on foundation managers ► \$ _____		
2	Has the foundation engaged in any activities that have not previously been reported to the IRS? . . .	X	
2	If "Yes," attach a detailed description of the activities		
3	Has the foundation made any changes, not previously reported to the IRS, in its governing instrument, articles of incorporation, or bylaws, or other similar instruments? If "Yes," attach a conformed copy of the changes . . .	X	
4a	Did the foundation have unrelated business gross income of \$1,000 or more during the year? . . .	X	
b	If "Yes," has it filed a tax return on Form 990-T for this year? . . .	X	
5	Was there a liquidation, termination, dissolution, or substantial contraction during the year? . . .	X	
5	If "Yes," attach the statement required by General Instruction T		
6	Are the requirements of section 508(e) (relating to sections 4941 through 4945) satisfied either • By language in the governing instrument, or • By state legislation that effectively amends the governing instrument so that no mandatory directions that conflict with the state law remain in the governing instrument? . . .	X	
7	Did the foundation have at least \$5,000 in assets at any time during the year? If "Yes," complete Part II, col (c), and Part XV		
8a	Enter the states to which the foundation reports or with which it is registered (see instructions) ► CA, DE,		
b	If the answer is "Yes" to line 7, has the foundation furnished a copy of Form 990-PF to the Attorney General (or designate) of each state as required by General Instruction G? If "No," attach explanation . . .	X	
9	Is the foundation claiming status as a private operating foundation within the meaning of section 4942(j)(3) or 4942(j)(5) for calendar year 2012 or the taxable year beginning in 2012 (see instructions for Part XIV)? If "Yes," complete Part XIV . . .	X	
10	Did any persons become substantial contributors during the tax year? If "Yes," attach a schedule listing their names and addresses . . .		X

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Part VII-A Statements Regarding Activities (continued)

11 At any time during the year, did the foundation, directly or indirectly, own a controlled entity within the meaning of section 512(b)(13)? If "Yes," attach schedule (see instructions)	ATCH 14	11	<input checked="" type="checkbox"/>		
12 Did the foundation make a distribution to a donor advised fund over which the foundation or a disqualified person had advisory privileges? If "Yes," attach statement (see instructions)	ATCH 15	12	<input checked="" type="checkbox"/>		
13 Did the foundation comply with the public inspection requirements for its annual returns and exemption application? Website address ► WWW.MOORE.ORG		13	<input checked="" type="checkbox"/>		
14 The books are in care of ► JANCY GOH Located at ► 1661 PAGE MILL ROAD PALO ALTO, CA	Telephone no ► 650-213-3000 ZIP+4 ► 94304				
15 Section 4947(a)(1) nonexempt charitable trusts filing Form 990-PF in lieu of Form 1041 - Check here and enter the amount of tax-exempt interest received or accrued during the year ► 15					
16 At any time during calendar year 2012, did the foundation have an interest in or a signature or other authority over a bank, securities, or other financial account in a foreign country? See the instructions for exceptions and filing requirements for Form TD F 90-22 1 If "Yes," enter the name of the foreign country ► ATCH 16		16	<input checked="" type="checkbox"/>	Yes	No

Part VII-B Statements Regarding Activities for Which Form 4720 May Be Required

File Form 4720 if any item is checked in the "Yes" column, unless an exception applies.

		Yes	No
1a During the year did the foundation (either directly or indirectly)			
(1) Engage in the sale or exchange, or leasing of property with a disqualified person?	□ Yes	<input checked="" type="checkbox"/>	No
(2) Borrow money from, lend money to, or otherwise extend credit to (or accept it from) a disqualified person?	□ Yes	<input checked="" type="checkbox"/>	No
(3) Furnish goods, services, or facilities to (or accept them from) a disqualified person?	□ Yes	<input checked="" type="checkbox"/>	No
(4) Pay compensation to, or pay or reimburse the expenses of, a disqualified person?	X Yes	<input type="checkbox"/>	No
(5) Transfer any income or assets to a disqualified person (or make any of either available for the benefit or use of a disqualified person)?	□ Yes	<input checked="" type="checkbox"/>	No
(6) Agree to pay money or property to a government official? (Exception. Check "No" if the foundation agreed to make a grant to or to employ the official for a period after termination of government service, if terminating within 90 days)	□ Yes	<input checked="" type="checkbox"/>	No
b If any answer is "Yes" to 1a(1)-(6), did any of the acts fail to qualify under the exceptions described in Regulations section 53.4941(d)-3 or in a current notice regarding disaster assistance (see instructions)? Organizations relying on a current notice regarding disaster assistance check here ► □	1b	<input checked="" type="checkbox"/>	
c Did the foundation engage in a prior year in any of the acts described in 1a, other than excepted acts, that were not corrected before the first day of the tax year beginning in 2012?	1c	<input checked="" type="checkbox"/>	
2 Taxes on failure to distribute income (section 4942) (does not apply for years the foundation was a private operating foundation defined in section 4942(j)(3) or 4942(j)(5))			
a At the end of tax year 2012, did the foundation have any undistributed income (lines 6d and 6e, Part XIII) for tax year(s) beginning before 2012? If "Yes," list the years ►	□ Yes	<input checked="" type="checkbox"/>	No
b Are there any years listed in 2a for which the foundation is not applying the provisions of section 4942(a)(2) (relating to incorrect valuation of assets) to the year's undistributed income? (If applying section 4942(a)(2) to all years listed, answer "No" and attach statement - see instructions)	2b		
c If the provisions of section 4942(a)(2) are being applied to any of the years listed in 2a, list the years here ►			
3a Did the foundation hold more than a 2% direct or indirect interest in any business enterprise at any time during the year?	□ Yes	<input checked="" type="checkbox"/>	No
b If "Yes," did it have excess business holdings in 2012 as a result of (1) any purchase by the foundation or disqualified persons after May 26, 1969, (2) the lapse of the 5-year period (or longer period approved by the Commissioner under section 4943(c)(7)) to dispose of holdings acquired by gift or bequest, or (3) the lapse of the 10-, 15-, or 20-year first phase holding period? (Use Schedule C, Form 4720, to determine if the foundation had excess business holdings in 2012)	3b	<input checked="" type="checkbox"/>	
4a Did the foundation invest during the year any amount in a manner that would jeopardize its charitable purposes? b Did the foundation make any investment in a prior year (but after December 31, 1969) that could jeopardize its charitable purpose that had not been removed from jeopardy before the first day of the tax year beginning in 2012?	4a	<input checked="" type="checkbox"/>	
	4b	<input checked="" type="checkbox"/>	

Part VII-B Statements Regarding Activities for Which Form 4720 May Be Required (continued)

5a	During the year did the foundation pay or incur any amount to	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
(1)	Carry on propaganda, or otherwise attempt to influence legislation (section 4945(e))?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
(2)	Influence the outcome of any specific public election (see section 4955), or to carry on, directly or indirectly, any voter registration drive?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
(3)	Provide a grant to an individual for travel, study, or other similar purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
(4)	Provide a grant to an organization other than a charitable, etc., organization described in section 509(a)(1), (2), or (3), or section 4940(d)(2)? (see instructions)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
(5)	Provide for any purpose other than religious, charitable, scientific, literary, or educational purposes, or for the prevention of cruelty to children or animals?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
b	If any answer is "Yes" to 5a(1)-(5), did any of the transactions fail to qualify under the exceptions described in Regulations section 53.4945 or in a current notice regarding disaster assistance (see instructions)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5b	X	
	Organizations relying on a current notice regarding disaster assistance check here ► <input type="checkbox"/>				
c	If the answer is "Yes" to question 5a(4), does the foundation claim exemption from the tax because it maintained expenditure responsibility for the grant? . . ATCH 17	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
	If "Yes," attach the statement required by Regulations section 53.4945-5(d)				
6a	Did the foundation, during the year, receive any funds, directly or indirectly, to pay premiums on a personal benefit contract?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6b	X	
b	Did the foundation, during the year, pay premiums, directly or indirectly, on a personal benefit contract?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	If "Yes" to 6b, file Form 8870				
7a	At any time during the tax year, was the foundation a party to a prohibited tax shelter transaction?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7b		
b	If "Yes," did the foundation receive any proceeds or have any net income attributable to the transaction?				

Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors**1 List all officers, directors, trustees, foundation managers and their compensation (see instructions).**

(a) Name and address	(b) Title, and average hours per week devoted to position	(c) Compensation (If not paid, enter -0-)	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
ATCH 18		3,162,412.	726,433.	0

2 Compensation of five highest-paid employees (other than those included on line 1 - see instructions). If none, enter "NONE."

(a) Name and address of each employee paid more than \$50,000	(b) Title, and average hours per week devoted to position	(c) Compensation	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
ATCH 19		4,047,205.	907,467.	0

Total number of other employees paid over \$50,000 ►

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Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors (continued)
3 Five highest-paid independent contractors for professional services (see instructions). If none, enter "NONE."

(a) Name and address of each person paid more than \$50,000	(b) Type of service	(c) Compensation
ATCH 20		4,063,709.
Total number of others receiving over \$50,000 for professional services ►		42

Part IX-A Summary of Direct Charitable Activities

List the foundation's four largest direct charitable activities during the tax year. Include relevant statistical information such as the number of organizations and other beneficiaries served, conferences convened, research papers produced, etc

Expenses

1 SEE GENERAL EXPLANATION ATTACHMENT

1,935,000.

2

3

4

Part IX-B Summary of Program-Related Investments (see instructions)

Describe the two largest program-related investments made by the foundation during the tax year on lines 1 and 2

Amount

1 NONE

2

All other program-related investments See instructions

3 NONE

Total. Add lines 1 through 3 ►

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Part X Minimum Investment Return (All domestic foundations must complete this part. Foreign foundations, see instructions)

1 Fair market value of assets not used (or held for use) directly in carrying out charitable, etc., purposes		
a Average monthly fair market value of securities	1a	2,462,432,997.
b Average of monthly cash balances	1b	125,493,611.
c Fair market value of all other assets (see instructions)	1c	3,019,333,182.
d Total (add lines 1a, b, and c)	1d	5,607,259,790.
e Reduction claimed for blockage or other factors reported on lines 1a and 1c (attach detailed explanation)	1e	
2 Acquisition indebtedness applicable to line 1 assets	2	
3 Subtract line 2 from line 1d	3	5,607,259,790.
4 Cash deemed held for charitable activities Enter 1 1/2 % of line 3 (for greater amount, see instructions)	4	84,108,897.
5 Net value of noncharitable-use assets. Subtract line 4 from line 3 Enter here and on Part V, line 4	5	5,523,150,893.
6 Minimum investment return. Enter 5% of line 5	6	276,157,545.

Part XI Distributable Amount (see instructions) (Section 4942(l)(3) and (l)(5) private operating foundations and certain foreign organizations check here ► and do not complete this part)

1 Minimum investment return from Part X, line 6	1	276,157,545.
2a Tax on investment income for 2012 from Part VI, line 5	2a	7,133,384.
b Income tax for 2012 (This does not include the tax from Part VI)	2b	16,170.
c Add lines 2a and 2b	2c	7,149,554.
3 Distributable amount before adjustments Subtract line 2c from line 1	3	269,007,991.
4 Recoveries of amounts treated as qualifying distributions	4	408,571.
5 Add lines 3 and 4	5	269,416,562.
6 Deduction from distributable amount (see instructions)	6	
7 Distributable amount as adjusted Subtract line 6 from line 5 Enter here and on Part XIII, line 1	7	269,416,562.

Part XII Qualifying Distributions (see instructions)

1 Amounts paid (including administrative expenses) to accomplish charitable, etc., purposes		
a Expenses, contributions, gifts, etc - total from Part I, column (d), line 26	1a	259,899,511.
b Program-related investments - total from Part IX-B	1b	
2 Amounts paid to acquire assets used (or held for use) directly in carrying out charitable, etc., purposes	2	552,068.
3 Amounts set aside for specific charitable projects that satisfy the	3a	
a Suitability test (prior IRS approval required)	3b	
b Cash distribution test (attach the required schedule)	4	260,451,579.
4 Qualifying distributions. Add lines 1a through 3b Enter here and on Part V, line 8, and Part XIII, line 4	5	
5 Foundations that qualify under section 4940(e) for the reduced rate of tax on net investment income Enter 1% of Part I, line 27b (see instructions)	6	0
6 Adjusted qualifying distributions. Subtract line 5 from line 4		260,451,579.

Note. The amount on line 6 will be used in Part V, column (b), in subsequent years when calculating whether the foundation qualifies for the section 4940(e) reduction of tax in those years

Part XIII Undistributed Income (see instructions)

	(a) Corpus	(b) Years prior to 2011	(c) 2011	(d) 2012
1 Distributable amount for 2012 from Part XI, line 7				269,416,562.
2 Undistributed income, if any, as of the end of 2012				
a Enter amount for 2011 only				
b Total for prior years 20 10 ,20 09 ,20 08				
3 Excess distributions carryover, if any, to 2012				
a From 2007				
b From 2008	27,550,812.			
c From 2009				
d From 2010				
e From 2011				
f Total of lines 3a through e	27,550,812.			
4 Qualifying distributions for 2012 from Part XII, line 4 ► \$ 260,451,579.				
a Applied to 2011, but not more than line 2a				
b Applied to undistributed income of prior years (Election required - see instructions)				
c Treated as distributions out of corpus (Election required - see instructions)				
d Applied to 2012 distributable amount				260,451,579.
e Remaining amount distributed out of corpus				
5 Excess distributions carryover applied to 2012 . (If an amount appears in column (d), the same amount must be shown in column (a))	8,964,983.			8,964,983.
6 Enter the net total of each column as indicated below:				
a Corpus Add lines 3f, 4c, and 4e Subtract line 5	18,585,829.			
b Prior years' undistributed income Subtract line 4b from line 2b				
c Enter the amount of prior years' undistributed income for which a notice of deficiency has been issued, or on which the section 4942(a) tax has been previously assessed				
d Subtract line 6c from line 6b Taxable amount - see instructions				
e Undistributed income for 2011 Subtract line 4a from line 2a Taxable amount - see instructions				
f Undistributed income for 2012 Subtract lines 4d and 5 from line 1 This amount must be distributed in 2013				
7 Amounts treated as distributions out of corpus to satisfy requirements imposed by section 170(b)(1)(F) or 4942(g)(3) (see instructions)				
8 Excess distributions carryover from 2007 not applied on line 5 or line 7 (see instructions)				
9 Excess distributions carryover to 2013. Subtract lines 7 and 8 from line 6a	18,585,829.			
10 Analysis of line 9				
a Excess from 2008	18,585,829.			
b Excess from 2009				
c Excess from 2010				
d Excess from 2011				
e Excess from 2012				

Part XIV **Private Operating Foundations** (see instructions and Part VII-A, question 9)

NOT APPLICABLE

Part XV Supplementary Information (Complete this part only if the foundation had \$5,000 or more in assets at any time during the year - see instructions.)

1 Information Regarding Foundation Managers:

- a List any managers of the foundation who have contributed more than 2% of the total contributions received by the foundation before the close of any tax year (but only if they have contributed more than \$5,000) (See section 507(d)(2))

NONE

- b List any managers of the foundation who own 10% or more of the stock of a corporation (or an equally large portion of the ownership of a partnership or other entity) of which the foundation has a 10% or greater interest

NONE

2 Information Regarding Contribution, Grant, Gift, Loan, Scholarship, etc., Programs:

Check here ► if the foundation only makes contributions to preselected charitable organizations and does not accept unsolicited requests for funds If the foundation makes gifts, grants, etc. (see instructions) to individuals or organizations under other conditions, complete items 2a, b, c, and d

- a The name, address, and telephone number or e-mail of the person to whom applications should be addressed
b The form in which applications should be submitted and information and materials they should include

N/A

- ### **6 Any submission deadlines**

N/A

- d Any restrictions or limitations on awards, such as by geographical areas, charitable fields, kinds of institutions, or other factors

N/A

Part XV Supplementary Information (continued)**3 Grants and Contributions Paid During the Year or Approved for Future Payment**

Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a Paid during the year				
ATCH 21				
Total			► 3a	233,047,309.
b Approved for future payment				
ATCH 22				
Total			► 3b	192,318,565.

Part XVI-A Analysis of Income-Producing Activities

Enter gross amounts unless otherwise indicated

Enter gross amounts unless otherwise indicated	Unrelated business income		Excluded by section 512, 513, or 514		(e) Related or exempt function income (See instructions)
	(a) Business code	(b) Amount	(c) Exclusion code	(d) Amount	
1 Program service revenue					
a					
b					
c					
d					
e					
f					
g Fees and contracts from government agencies					
2 Membership dues and assessments					
3 Interest on savings and temporary cash investments			14	285,356.	
4 Dividends and interest from securities			14	11,033,443.	
5 Net rental income or (loss) from real estate					
a Debt-financed property					
b Not debt-financed property					
6 Net rental income or (loss) from personal property .					
7 Other investment income					
8 Gain or (loss) from sales of assets other than inventory	525990	2,765,787.	18	175,490,587.	
9 Net income or (loss) from special events					
10 Gross profit or (loss) from sales of inventory					
11 Other revenue a					
b ATCH 23		-5,203,724.		160,923,073.	
c					
d					
e					
12 Subtotal Add columns (b), (d), and (e)		-2,437,937.		347,732,459.	

Part XVI-B Relationship of Activities to the Accomplishment of Exempt Purposes

Part XVII Information Regarding Transfers To and Transactions and Relationships With Noncharitable Exempt Organizations

2a Is the foundation directly or indirectly affiliated with, or related to, one or more tax-exempt organizations described in section 501(c) of the Code (other than section 501(c)(3)) or in section 527? Yes No
b If "Yes," complete the following schedule

**Sign
Here**

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 taxpayer) is based on all information of which preparer has any knowledge

32116

PRESIDENT

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

Paid Preparer Use Only	Print/Type preparer's name Kelli H Archibald	Preparer's signature <i>Kelli H. Archibald</i>	Date 02/25/16	Check <input type="checkbox"/> if self-employed	PTIN P00180332
	Firm's name ► ERNST & YOUNG U.S. LLP	Firm's EIN ► 34-6565596			
	Firm's address ► 2 N. CENTRAL AVE., STE. 2300 PHOENIX, AZ	85004	Phone no 602-322-3000		

FORM 990-PF - PART IV
CAPITAL GAINS AND LOSSES FOR TAX ON INVESTMENT INCOME

Kind of Property		Description				P or D	Date acquired	Date sold
Gross sale price less expenses of sale	Depreciation allowed/ allowable	Cost or other basis	FMV as of 12/31/69	Adj basis as of 12/31/69	Excess of FMV over adj basis		Gain or (loss)	
5265274536		NORTHERN TRUST ACCOUNTS 5143829902					VAR 121444634.	VAR
		FUND 25 488,369.					VAR -488,369.	VAR
452.		FUND 213					VAR 452.	VAR
642.		FUND 214					VAR 642.	VAR
		FUND 215 10,240.					VAR -10,240.	VAR
		FUND 216 22,180.					VAR -22,180.	VAR
85,559.		FUND 217					VAR 85,559.	VAR
224,898.		FUND 218					VAR 224,898.	VAR
92,736.		FUND 220					VAR 92,736.	VAR
		FUND 221 69,728.					VAR -69,728.	VAR
454,537.		FUND 222					VAR 454,537.	VAR
264,062.		FUND 223					VAR 264,062.	VAR

FORM 990-PF - PART IV
CAPITAL GAINS AND LOSSES FOR TAX ON INVESTMENT INCOME

Kind of Property		Description				P or D	Date acquired	Date sold
Gross sale price less expenses of sale	Depreciation allowed/allowable	Cost or other basis	FMV as of 12/31/69	Adj basis as of 12/31/69	Excess of FMV over adj basis		Gain or (loss)	
8,753.		FUND 224					VAR 8,753.	VAR
21,186.		FUND 225					VAR 21,186.	VAR
160,267.		FUND 226					VAR 160,267.	VAR
148,641.		FUND 227					VAR 148,641.	VAR
		FUND 42					VAR -122,199.	VAR
		122,199.						
1,471,622.		FUND 183					VAR 1,471,622.	VAR
6,164,214.		FUND 179					VAR 6,164,214.	VAR
		FUND 201					VAR -2926061.	VAR
		2,926,061.						
12251886.		FUND 1					VAR 12251886.	VAR
11794125.		FUND 3					VAR 11794125.	VAR
27704909.		FUND 6					VAR 27704909.	VAR
536,152.		FUND 7					VAR 536,152.	VAR

FORM 990-PF - PART IV
CAPITAL GAINS AND LOSSES FOR TAX ON INVESTMENT INCOME

Kind of Property		Description				P or D	Date acquired	Date sold
Gross sale price less expenses of sale	Depreciation allowed/allowable	Cost or other basis	FMV as of 12/31/69	Adj basis as of 12/31/69	Excess of FMV over adj basis		Gain or (loss)	
39,064.		FUND 16					VAR 39,064.	VAR
283,734.		FUND 22					VAR 283,734.	VAR
7,533.		FUND 20					VAR 7,533.	VAR
3,126,689.		FUND 24					VAR 3,126,689.	VAR
		FUND 208					VAR -1,108.	VAR
945.		FUND 205					VAR 945.	VAR
15569562.		FUND 36					VAR 15569562.	VAR
41,362.		FUND 37					VAR 41,362.	VAR
2,233,139.		FUND 38					VAR 2,233,139.	VAR
173,326.		FUND 39					VAR 173,326.	VAR
11625666.		FUND 46					VAR 11625666.	VAR
144,723.		FUND 134					VAR 144,723.	VAR

FORM 990-PF - PART IV
CAPITAL GAINS AND LOSSES FOR TAX ON INVESTMENT INCOME

Kind of Property		Description				P or D	Date acquired	Date sold
Gross sale price less expenses of sale	Depreciation allowed/allowable	Cost or other basis	FMV as of 12/31/69	Adj basis as of 12/31/69	Excess of FMV over adj basis		Gain or (loss)	
3,213,382.		FUND 55					VAR 3,213,382.	VAR
1,081,922.		FUND 57					VAR 1,081,922.	VAR
4,239,854.		FUND 58					VAR 4,239,854.	VAR
2,828,540.		FUND 51					VAR 2,828,540.	VAR
2,026,777.		FUND 50					VAR 2,026,777.	VAR
518,438.		FUND 52					VAR 518,438.	VAR
333,250.		FUND 53					VAR 333,250.	VAR
1,169,582.		FUND 63					VAR 1,169,582.	VAR
254,575.		FUND 64					VAR 254,575.	VAR
		FUND 66 19,790.					VAR -19,790.	VAR
		FUND 70 128,997.					VAR -128,997.	VAR
3,360,591.		FUND 74					VAR 3,360,591.	VAR

FORM 990-PF - PART IV
CAPITAL GAINS AND LOSSES FOR TAX ON INVESTMENT INCOME

Kind of Property		Description				P or D	Date acquired	Date sold
Gross sale price less expenses of sale	Depreciation allowed/ allowable	Cost or other basis	FMV as of 12/31/69	Adj basis as of 12/31/69	Excess of FMV over adj basis		Gain or (loss)	
181,169.		FUND 75					VAR 181,169.	VAR
3,396,225.		FUND 191					VAR 3,396,225.	VAR
557,397.		FUND 78					VAR 557,397.	VAR
631,545.		FUND 80					VAR 631,545.	VAR
848,758.		FUND 79					VAR 848,758.	VAR
		FUND 87 207,010.					VAR -207,010.	VAR
835,310.		FUND 90					VAR 835,310.	VAR
332,238.		FUND 92					VAR 332,238.	VAR
1,449,182.		FUND 93					VAR 1,449,182.	VAR
318,566.		FUND 94					VAR 318,566.	VAR
		FUND 100 118,895.					VAR -118,895.	VAR
		FUND 101 83,209.					VAR -83,209.	VAR

FORM 990-PF - PART IV
CAPITAL GAINS AND LOSSES FOR TAX ON INVESTMENT INCOME

Kind of Property		Description				P or D	Date acquired	Date sold
Gross sale price less expenses of sale	Depreciation allowed/allowable	Cost or other basis	FMV as of 12/31/69	Adj basis as of 12/31/69	Excess of FMV over adj basis		Gain or (loss)	
		FUND 102 17,313.					VAR -17,313.	VAR
		FUND 103 976.					VAR -976.	VAR
7,195.		FUND 99					VAR 7,195.	VAR
1,201,900.		FUND 209					VAR 1,201,900.	VAR
518.		FUND 210					VAR 518.	VAR
		FUND 211 493,611.					VAR -493,611.	VAR
641,598.		FUND 99					VAR 641,598.	VAR
		FUND 96 188,204.					VAR -188,204.	VAR
22085994.		FUND 115					VAR 22085994.	VAR
		FUND 123 1,524.					VAR -1,524.	VAR
3,210.		FUND 124					VAR 3,210.	VAR
3,894.		FUND 125					VAR 3,894.	VAR

FORM 990-PF - PART IV
CAPITAL GAINS AND LOSSES FOR TAX ON INVESTMENT INCOME

Kind of Property		Description				P or D	Date acquired	Date sold
Gross sale price less expenses of sale	Depreciation allowed/ allowable	Cost or other basis	FMV as of 12/31/69	Adj basis as of 12/31/69	Excess of FMV over adj basis		Gain or (loss)	
7,562.		FUND 126					VAR 7,562.	VAR
		FUND 131					VAR -6,684.	VAR
		6,684.						
83,012.		FUND 136					VAR 83,012.	VAR
		FUND 135					VAR -3594552.	VAR
		3,594,552.						
500,056.		FUND 132					VAR 500,056.	VAR
2,482,239.		FUND 133					VAR 2,482,239.	VAR
		FUND 134					VAR 628,343.	VAR
628,343.		FUND 141						
178,171.		FUND 143					VAR 178,171.	VAR
131,063.		FUND 146					VAR 131,063.	VAR
23,397.		FUND 140					VAR 23,397.	VAR
68,856.		FUND 151					VAR -44.	VAR
		44.						

FORM 990-PF - PART IV
CAPITAL GAINS AND LOSSES FOR TAX ON INVESTMENT INCOME

Kind of Property		Description				P or D	Date acquired	Date sold
Gross sale price less expenses of sale	Depreciation allowed/ allowable	Cost or other basis	FMV as of 12/31/69	Adj basis as of 12/31/69	Excess of FMV over adj basis		Gain or (loss)	
		FUND 152 1,474,593.					VAR -1474593.	VAR
200,131.		FUND 155					VAR 200,131.	VAR
175,573.		FUND 166					VAR 175,573.	VAR
3,747,030.		FUND 178					VAR 3,747,030.	VAR
2,113,754.		FUND 179					VAR 2,113,754.	VAR
1,339,100.		FUND 158					VAR 1,339,100.	VAR
5,295,650.		FUND 184					VAR 5,295,650.	VAR
4,689,563.		FUND 193					VAR 4,689,563.	VAR
1,522,952.		FUND 194					VAR 1,522,952.	VAR
742,507.		FUND 195					VAR 742,507.	VAR
111,528.		FUND 196					VAR 111,528.	VAR
		FUND 198 28,840.					VAR -28,840.	VAR

FORM 990-PF - PART IV
CAPITAL GAINS AND LOSSES FOR TAX ON INVESTMENT INCOME

Kind of Property		Description				P or D	Date acquired	Date sold
Gross sale price less expenses of sale	Depreciation allowed/ allowable	Cost or other basis	FMV as of 12/31/69	Adj basis as of 12/31/69	Excess of FMV over adj basis		Gain or (loss)	
92,780.		FUND 26					VAR 92,780.	VAR
		FUND 30					VAR -1,451.	VAR
1,401,440.		FUND 33					VAR 1,401,440.	VAR
1,121,138.		FUND 28					VAR 1,121,138.	VAR
539,349.		FUND 32					VAR 539,349.	VAR
331,945.		FUND 29					VAR 331,945.	VAR
492,157.		FUND 34					VAR -256,764.	VAR
810,952.		FUND 28					VAR 492,157.	VAR
		FUND 27					VAR 810,952.	VAR
		FUND 206					VAR 82.	VAR
			82.					
		FUND 207					VAR -102.	VAR
			102.					
723,608.		FUND 48					VAR 723,608.	VAR

FORM 990-PF - PART IV
CAPITAL GAINS AND LOSSES FOR TAX ON INVESTMENT INCOME

Kind of Property		Description				P or D	Date acquired	Date sold
Gross sale price less expenses of sale	Depreciation allowed/allowable	Cost or other basis	FMV as of 12/31/69	Adj basis as of 12/31/69	Excess of FMV over adj basis		Gain or (loss)	
722,460.		FUND 59					VAR 722,460.	VAR
153,082.		FUND 65					VAR 153,082.	VAR
545,934.		FUND 78					VAR 545,934.	VAR
1,299,455.		FUND 80					VAR 1,299,455.	VAR
		FUND 130					VAR -68,731.	VAR
		FUND 149					VAR -176,686.	VAR
13,199.		FUND 230					VAR 13,199.	VAR
700.		FUND 230					VAR 700.	VAR
		FUND 166					VAR -16,326.	VAR
		FUND 159					VAR -2,867.	VAR
532,953.		FUND 160					VAR 532,953.	VAR
477,226.		FUND 168					VAR 477,226.	VAR

FORM 990-PF - PART IV
CAPITAL GAINS AND LOSSES FOR TAX ON INVESTMENT INCOME

Kind of Property		Description				P or ID	Date acquired	Date sold
Gross sale price less expenses of sale	Depreciation allowed/ allowable	Cost or other basis	FMV as of 12/31/69	Adj basis as of 12/31/69	Excess of FMV over adj basis		Gain or (loss)	
		FUND 159 37,026.					VAR -37,026.	VAR
		FUND 67 7,026.					VAR -7,026.	VAR
462,130.		FUND 229					VAR 462,130.	VAR
		FUND 171 137,490.					VAR -137,490.	VAR
210,481.		FUND 172					VAR 210,481.	VAR
8,097.		FUND 158					VAR 8,097.	VAR
1,546,302.		FUND 174					VAR 1,546,302.	VAR
69,428.		FUND 230					VAR 69,428.	VAR
3,866,000.		FUND 67					VAR 3,866,000.	VAR
8,476,266.		DISPOSITION OF FUND 66					VAR 8,476,266.	VAR
		FUND 219 30,013.				P	VAR -30,013.	VAR
TOTAL GAIN(LOSS)							<u>304795506.</u>	

FORM 990PF, PART I - OTHER INCOME

<u>DESCRIPTION</u>	<u>REVENUE AND EXPENSES PER BOOKS</u>	<u>NET INVESTMENT INCOME</u>
PARTNERSHIP INCOME	<u>155,719,349.</u>	<u>-19,026,204.</u>
TOTALS	<u><u>155,719,349.</u></u>	<u><u>-19,026,204.</u></u>

ATTACHMENT 1

1164JL 2789

ATTACHMENT 1

FORM 990PF, PART I - LEGAL FEES

<u>DESCRIPTION</u>	<u>REVENUE AND EXPENSES PER BOOKS</u>	<u>NET INVESTMENT INCOME</u>	<u>ADJUSTED NET INCOME</u>	<u>CHARITABLE PURPOSES</u>
LEGAL FEES	290,894.	132,942.		157,952.
TOTALS	<u>290,894.</u>	<u>132,942.</u>		<u>157,952.</u>

ATTACHMENT 2

1164JL 2789

ATTACHMENT 2

FORM 990PF, PART I - ACCOUNTING FEES

ATTACHMENT 3

<u>DESCRIPTION</u>	<u>REVENUE AND EXPENSES PER BOOKS</u>	<u>NET INVESTMENT INCOME</u>	<u>ADJUSTED NET INCOME</u>	<u>CHARITABLE PURPOSES</u>
ACCOUNTING, TAX & AUDIT FEES	241,097.	194,181.		46,916.
TOTALS	<u>241,097.</u>	<u>194,181.</u>		<u>46,916.</u>

FORM 990PF, PART I - OTHER PROFESSIONAL FEES

<u>DESCRIPTION</u>	<u>REVENUE AND EXPENSES PER BOOKS</u>	<u>NET INVESTMENT INCOME</u>	<u>CHARITABLE PURPOSES</u>
CONSULTING FEES	5,095,554.	250,062.	4,839,745.
ASSET MANAGEMENT FEES	7,593,492.	7,593,492.	159,449.
TEMPORARY AGENCY	158,229.	9,773.	
TOTALS	<u><u>12,847,275.</u></u>	<u><u>7,853,327.</u></u>	<u><u>4,999,194.</u></u>

FORM 990PF, PART I - TAXES

REVENUE
AND
EXPENSES
PER BOOKS

DESCRIPTION

CURRENT EXCISE TAX	9,199,111.
DEFERRED EXCISE TAX	1,456,698.
OTHER TAXES	94,538.
TOTALS	<u>10,750,347.</u>

FORM 990PE, PART I - OTHER EXPENSES

<u>DESCRIPTION</u>	<u>REVENUE AND EXPENSES PER BOOKS</u>	<u>NET INVESTMENT INCOME</u>	<u>CHARITABLE PURPOSES</u>
GENERAL OFFICE EXPENSE	344,887.	152,804.	194,436.
INSURANCE	139,348.	45,028.	67,231.
STAFF DEVELOPMENT & TRAINING	126,061.	8,569.	117,492.
INFORMATION TECHNOLOGY	538,098.	43,299.	708,987.
FINANCE SVC CHARGES	63,352.	5,668.	57,684.
TOTALS	<u>1,211,746.</u>	<u>255,368.</u>	<u>1,145,830.</u>

ATTACHMENT 6

1164JL 2789

ATTACHMENT 6

FORM 990PF, PART II - U.S. AND STATE OBLIGATIONS

ATTACHMENT 7

DESCRIPTION

FUND 183
FUND 199

US OBLIGATIONS TOTAL

<u>DESCRIPTION</u>	<u>ENDING BOOK VALUE</u>	<u>ENDING FMV</u>
FUND 183	544,166,207. 14,810,290.	544,166,207. 14,810,290.
FUND 199	<u>558,976,497.</u>	<u>558,976,497.</u>
US OBLIGATIONS TOTAL		

FORM 990PF, PART II - CORPORATE STOCK

<u>DESCRIPTION</u>	<u>ENDING BOOK VALUE</u>	<u>ENDING FMV</u>
CORPORATE STOCK		
ROSSI RESIDENCIAL COM NPV	101,333.	101,333.
BROOKFIELD INCORPORACOES	155,179.	155,179.
BCO DO BRASIL SA COM NPV	795,194.	795,194.
CIA SANEAMENTO MIN COM NPV	153,846.	153,846.
ROSSI RESIDENCIAL SA COM NPV	54,410.	54,410.
SABESP CIA SANEAME COM NPV	150,193.	150,193.
LIGHT S.A. COM NPV	308,501.	308,501.
KOMERCNI BANKA CZK500	113,338.	113,338.
CHINA PETROLEUM & CHEMICAL	521,078.	521,078.
CHINA CONSTRCTN BANK 'H' CNY1	208,303.	208,303.
CHINA OVERSEAS LAND & INV	250,347.	250,347.
SHIMAO PROPERTY HO HKD0.10	67,905.	67,905.
CHINA SHANSHUI CEM USDO.01	118,508.	118,508.
DONGFENG MOTOR GRO 'H' CNY1	200,597.	200,597.
KWG PROPERTY HLDGS HKD0.10	100,544.	100,544.
CHINA FORESTRY HOL USDO.001	65,664.	65,664.
XINGDA INTERNATION HKD0.10	46,447.	46,447.
YUE YUEN INDL HLDG HKD0.25	183,786.	183,786.
MGM CHINA HLDGS LT HKD1	109,254.	109,254.
WEST CHINA CEM LTD COMSTK	83,449.	83,449.
INDUSTRIAL & COMM BANK CHINA	315,062.	315,062.
HUANENG POWER 'H' CNY1	103,607.	103,607.
COUNTRY GARDEN HLD HKD0.10	220,002.	220,002.
SHENZHOU INTERNATI HKD0.10	128,696.	128,696.
DAPHNE INTL HOLDS HKD0.10	150,719.	150,719.
REAL GOLD MINING L HKD1	107,982.	107,982.
JIANGSU EXPRESSWAY 'H' CNY1	107,209.	107,209.
CHINA MOBILE LTD HKD0.10	261,987.	261,987.

ATTACHMENT 8

FORM 990PF, PART II - CORPORATE STOCK

ATTACHMENT 8 (CONT'D)

<u>DESCRIPTION</u>	<u>BOOK VALUE</u>	<u>ENDING FMV</u>
DAH CHONG HONG KONG HOLDG	247,102.	247,102.
JU TENG INTERNATIO HKD0.1	33,999.	33,999.
EVERGRANDE REAL ESTATE GRP	311,998.	311,998.
RICHTER GEDEON NYRT HUF1000	195,078.	195,078.
GAJAH TUNGGAL IDR500	38,786.	38,786.
PT XIL AXIATA IDR100	133,074.	133,074.
PT BANK NEGARA IND LKD SHS	173,121.	173,121.
BANK RAKYAT INDO PERSER	211,294.	211,294.
BK OF BARODA INR10	122,242.	122,242.
PUNJAB NATL BANK COM STK	178,172.	178,172.
CANARA BANK INR10	109,247.	109,247.
APOLLO TYRES COMMON STK	60,755.	60,755.
UNITED PHOSPHORUS INR2	80,843.	80,843.
STATE BK OF INDIA INR10	197,232.	197,232.
UNION BK OF INDIA INR10	200,292.	200,292.
BK OF INDIA INR10	108,929.	108,929.
SKC CO LTD KRW5000	152,580.	152,580.
OCI CO LTD KRW5000	149,952.	149,952.
HYUNDAI MOBIS KRW5000	164,099.	164,099.
KB FINANCIAL GROUP KRW5000	240,978.	240,978.
LG DISPLAY CO LTD KRW5000	291,771.	291,771.
HYOSUNG KRW5000	164,308.	164,308.
DGB FINANCIAL GROU KRW5000	144,335.	144,335.
NONG SHIM CO KRW5000	50,720.	50,720.
SK HYNIX INC	249,424.	249,424.
SAMSUNG ELECTRONIC KRW5000	1,151,549.	1,151,549.
KT&G CORPORATION KRW5000	213,590.	213,590.
HANA FINANCIAL GRP KRW5000	173,083.	173,083.
HYUNDAI MOTOR CO KRW5000	200,014.	200,014.

FORM 990PF, PART II - CORPORATE STOCK

ATTACHMENT 8 (CONT'D)

<u>DESCRIPTION</u>	<u>BOOK VALUE</u>	<u>ENDING FMV</u>
KIA MOTORS CORP KRW5000	295,014.	295,014.
MACQUARIE MEXICO REAL EST	103,264.	103,264.
KGHM POLSKA MIEDZ PLN10 BR	445,087.	445,087.
BANPU PUBLIC CO THB10 (NVDR)	131,317.	131,317.
BANGKOK BANK THB10 (NVDR)	35,789.	35,789.
LPN DEVELOPMENT THB1 (NVDR)	28,263.	28,263.
LPN DEVELOPMENT THB1	21,774.	21,774.
SUPALAI PUBLIC CO THB1	41,198.	41,198.
PTT PUBLIC COMPANY THB10	298,464.	298,464.
SUPALAI PUBLIC CO THB1 (NVDR)	5,728.	5,728.
T SISE VE CAM FABR TRY1	203,426.	203,426.
AKBANK TRY1	4.	4.
KOZA ALTIN ISLETME TRY1	326,710.	326,710.
TURKIYE HALK BANKA TRY1	327,977.	327,977.
LITE-ON TECHNOLOGY TWD10	136,634.	136,634.
WISTRON CORP TWD10	235,294.	235,294.
HON HAI PRECISION TWD10	208,787.	208,787.
VANGUARD INTL SEMI TWD10	69,389.	69,389.
ADVANCED SEMICOND TWD10	336,959.	336,959.
YAGEO CORP TWD10	103,506.	103,506.
AU OPTRONICS CORP TWD10	200,737.	200,737.
KAZMUNAIGAS EXPLOR GDR	137,340.	137,340.
ADR ADVANCED SEMICONDUCTR	49,716.	49,716.
ADR BANCO SANTANDER BRASIL	192,364.	192,364.
MHP S.A. GDR EACH REPR 1 ORD	97,654.	97,654.
SBERBANK OF GDR 144A	70,758.	70,758.
ADR OIL CO LUKOIL SPONSORED	748,575.	748,575.
AMER MOVIL SAB DE C V SPONS	358,670.	358,670.
ADR OAO GAZPROM LEVEL 1 ADR	958,794.	958,794.

FORM 990PF, PART II - CORPORATE STOCK

ATTACHMENT 8 (CONT'D)

<u>DESCRIPTION</u>	<u>BOOK VALUE</u>	<u>ENDING FMV</u>
MELCO CROWN ENTERTAINMENT	199,049.	199,049.
ADR SBERBANK RUSSIA SPONS	30,898.	30,898.
EXXARO RESOURCES ZAR0.01	176,282.	176,282.
MR PRICE GROUP ZAR0.025	234,774.	234,774.
BIDVEST GROUP ZAR0.05	209,994.	209,994.
IMPERIAL HLDGS ZAR0.04	108,241.	108,241.
SHOPRITE HLDGS LTD ZAR0.0113	118,828.	118,828.
AVI LTD ZAR0.05	138,492.	138,492.
URANIUM PARTICIPAT COM NPY	436,870.	436,870.
URANIUM PARTN CORP COMMON	285,267.	285,267.
GILEAD SCIENCES INC	2,007,021.	2,007,021.
QUALCOMM INC COM	609,409.	609,409.
DOLLAR GEN CORP NEW COM	1,799,004.	1,799,004.
ADR ANHEUSER BUSCH INBEV SA	632,062.	632,062.
WYNN RESORTS LTD COM	1,946,077.	1,946,077.
EQUINIX INC COM NEW COM NEW	1,476,598.	1,476,598.
HOME DEPOT INC COM	1,660,796.	1,660,796.
TESLA MTRS INC COM	658,162.	658,162.
APPLE INC COM STK	838,989.	838,989.
VISA INC COM CL A STK	2,463,933.	2,463,933.
LOWES COS INC COM	1,006,992.	1,006,992.
KINDER MORGAN INC DEL COM	1,328,373.	1,328,373.
CITIGROUP INC COM NEW COM	783,407.	783,407.
BIOGEN IDEC INC COM STK	2,012,312.	2,012,312.
UNION PAC CORP COM	1,140,406.	1,140,406.
US BANCORP	1,483,773.	1,483,773.
MONSANTO CO NEW COM	1,585,766.	1,585,766.
GOOGLE INC CL A CL A	2,352,980.	2,352,980.
AMERICAN EXPRESS CO	623,026.	623,026.

FORM 990PF, PART II - CORPORATE STOCK

ATTACHMENT 8 (CONT'D)

<u>DESCRIPTION</u>	<u>BOOK VALUE</u>	<u>ENDING EMV</u>	
TJX COS INC COM NEW	1,727,	248.	
EBAY INC COM USDO.001	1,294,	479.	
STARBUCKS CORP COM	1,163,	983.	
BRISTOL MYERS SQUIBB CO COM	1,733,	332.	
CUMMINS INC	549,	335.	
MC DONALDS CORP COM	735,054.	735,054.	
AMERICAN INTERNATIONAL GRP	1,541,	692.	
WELLS FARGO & CO NEW COM	2,391,	951.	
EXPRESS SCRIPTS HLDG COM	1,741,	662.	
VMWARE INC CL A COM CL COM	818,	265.	
NIKE INC CL B	2,120,	450.	
CHIPOTLE MEXICAN GRILL INC CO	1,315,	666.	
PRECISION CASTPARTS CORP	1,782,	442.	
ACCENTURE PLC SHS CL A NEW	1,091,	398.	
INTUITIVE SURGICAL INC COM	1,425,	015.	
BT INV MGMT LTD NPV	962,	155.	
WEBJET LTD NPV	553,	501.	
MTR CORP HKD1	2,445,	615.	
CHINA RESOURCE ENTERPRISE	2,176,	255.	
INDUSTRIAL & COMMERCIAL BNK	4,	540,	320.
CHINA MOBILE LTD HKD0.10	4,	154,	538.
GLORIOUS SUN ENTER HKD0.10	984,	960.	
ALLIED OVERSEAS LTD	741,	948.	
FAIRWOOD HOLDINGS HKD1.00	1,	137,	331.
PERUSAHAAN GAS COMSTK	1,	417,	349.
JASA MARGA (PERSERO) TBK PT	491,	702.	
BANK PERMATA LKD SHS	548,	084.	
DENSO INDIA LTD INR10	104,	324.	
	1,064,	016.	

FORM 990PF, PART II - CORPORATE STOCK

ATTACHMENT 8 (CONT'D)

<u>DESCRIPTION</u>	<u>BOOK VALUE</u>	<u>ENDING</u> <u>FMV</u>
MUTHOOT FINANCE LTD	890,184.	890,184.
INDRAPRASTHA GAS INR10	1,476,529.	1,476,529.
WYETH LTD. INR10	640,458.	640,458.
SAMSUNG FIRE & MARINE	306,665.	306,665.
HYUNDAI MOBIS KRW5000	1,891,171.	1,891,171.
SK TELECOM KRW500	814,084.	814,084.
E-MART CO LTD KRW5000	1,428,345.	1,428,345.
HANKOOK TIRE CO KRW500	1,292,464.	1,292,464.
JARDINE STRATEGIC HOLDING US	6,434,590.	6,434,590.
BRAMBLES LTD NPV	1,767,459.	1,767,459.
NESTLE SA CHF0.10 (REGD)	1,345,208.	1,345,208.
SGS SA CHF1.00 (REGD)	949,532.	949,532.
MEYER BURGER TECHN CHF0.05	140,288.	140,288.
NOVO-NORDISK AS DKK1 SER'B'	1,498,538.	1,498,538.
KINGSPAN GROUP ORD EURO.13	1,681,955.	1,681,955.
SCHNEIDER ELECTRIC EUR4.00	780,781.	780,781.
LEGRAND SA EUR4	3,711,139.	3,711,139.
QIAGEN NV COM EURO.01	1,972,272.	1,972,272.
AIXTRON SE ORD NPV	374,782.	374,782.
UNILEVER NV CVA EURO.16	3,722,533.	3,722,533.
STANDARD CHARTERED ORD US	2,464,137.	2,464,137.
OCADO GROUP PLC ORD GBP0.	662,876.	662,876.
BANK RAKYAT INDONESIA PERSER	622,706.	622,706.
NIELSEN HOLDINGS B.V EURO.07	2,142,187.	2,142,187.
C R BARD	896,765.	896,765.
MERCADOLIBRE INC COM STK	63,799.	63,799.
CITRIX SYS INC COM	963,764.	963,764.
AMDOCS ORD GBP0.01	1,745,760.	1,745,760.
ADR MINDRAY MED INTL LTD SP	263,627.	263,627.

FORM 990PE, PART II - CORPORATE STOCK

ATTACHMENT 8 (CONT'D)

<u>DESCRIPTION</u>	<u>BOOK VALUE</u>	<u>ENDING FMV</u>
FACTSET RESH SYS INC COM STK	626,635.	626,635.
ANSYS INC COM	6,667.	6,667.
STRAYER ED INC COM	463,065.	463,065.
QUALCOMM INC COM	1,759,631.	1,759,631.
INTUIT COM	982,226.	982,226.
EBAY INC COM USDO.001	1,275,806.	1,275,806.
DANAHER CORP COM	3,723,275.	3,723,275.
GRAINGER W W INC COM	2,083,804.	2,083,804.
BROWN & BROWN INC COM	884,124.	884,124.
VERISK ANALYTICS INC CL A CL A	499,341.	499,341.
BLACKBAUD INC COM	854,869.	854,869.
BECTON DICKINSON & CO COM	2,311,062.	2,311,062.
COLGATE-PALMOLIVE CO COM	784,886.	784,886.
C H ROBINSON WORLDWIDE INC	649,775.	649,775.
PROCTER & GAMBLE COM NPV	1,175,380.	1,175,380.
NORTHERN TR CORP COM	1,231,278.	1,231,278.
VARIAN MEDICAL SYSTEMS INC	2,567,974.	2,567,974.
MSCI INC COMMON	2,418,367.	2,418,367.
ADR CTRIP COM INTL LTD ADS	993,644.	993,644.
JONES LANG LASALLE INC COM	1,984,761.	1,984,761.
WATERS CORP COM	2,981,246.	2,981,246.
SCHEIN HENRY INC COM	3,388,090.	3,388,090.
AMAZON COM INC COM	671,548.	671,548.
POLYPORE INTL INC COM	1,048,529.	1,048,529.
CHECKPOINT SYS INC COM STK	2,199,552.	2,199,552.
BALL CORP COM	1,221,675.	1,221,675.
MOBILE MINI INC COM	2,247,557.	2,247,557.
AMDOCS ORD GBP0.01	2,600,235.	2,600,235.
NEUSTAR INC CL A	1,698,165.	1,698,165.

FORM 990PF, PART II - CORPORATE STOCK

ATTACHMENT 8 (CONT'D)

<u>DESCRIPTION</u>	<u>BOOK VALUE</u>	<u>ENDING FMV</u>
INSPERITY INC COM	2,093,608.	2,093,608.
WESTERN UNION CO	2,400,804.	2,400,804.
ICONIX BRAND GROUP INC COM	2,185,128.	2,185,128.
AARON'S INC CLASS A	1,715,182.	1,715,182.
CELANESE CORP DEL COM SER	2,364,543.	2,364,543.
BROADRIDGE FINL SOLUTIONS IN	1,997,424.	1,997,424.
GILDAN ACTIVEWEAR INC COM	1,247,378.	1,247,378.
MONSTER WORLDWIDE INC COM	1,083,536.	1,083,536.
ACCURAY INC DEL COM	803,750.	803,750.
HARMAN INTL INDs INC NEW COM	2,406,096.	2,406,096.
ROYAL CARIBBEAN CRUISES CO	1,424,600.	1,424,600.
AVNET INC COM	1,665,184.	1,665,184.
#REORG/PARAMETRIC TECH	2,588,650.	2,588,650.
ROCK-TENN CO CL A CL A	2,698,526.	2,698,526.
BALLY TECHNOLOGIES INC COM	1,761,574.	1,761,574.
ALTERA CORP COM	1,663,693.	1,663,693.
ORACLE CORP COM	4,371,584.	4,371,584.
NEWS CORPORATION CL A	2,962,640.	2,962,640.
PEPSICO INC COM	2,757,729.	2,757,729.
THERMO FISHER CORP	1,785,840.	1,785,840.
ADR NESTLE S A SPONSORED	2,450,392.	2,450,392.
UNITEDHEALTH GROUP INC COM	2,945,232.	2,945,232.
3M CO COM	1,773,435.	1,773,435.
FIDELITY NATL INFORMATION SVC	1,413,286.	1,413,286.
COCA COLA CO COM	3,545,250.	3,545,250.
GOLDMAN SACHS GROUP INC	1,964,424.	1,964,424.
APACHE CORP COM	1,884,000.	1,884,000.
NOBLE ENERGY INC COM	3,048,843.	3,048,843.
LOEWS CORP COM	2,102,700.	2,102,700.

FORM 990PF, PART II - CORPORATE STOCK

ATTACHMENT 8 (CONT'D)

<u>DESCRIPTION</u>	<u>BOOK VALUE</u>	<u>ENDING FMV</u>
MICROSOFT CORP COM	3,728,835.	3,728,835.
BERKSHIRE HATHAWAY INC-CL B	5,157,750.	5,157,750.
GOOGLE INC CL A CL A	2,965,167.	2,965,167.
MONDELEZ INTL INC COM	2,614,139.	2,614,139.
COMCAST CORP NEW CL A SPL	2,467,968.	2,467,968.
MORGAN STANLEY COM STK US	3,395,712.	3,395,712.
AON PLC COM	4,314,560.	4,314,560.
ECOLAB INC COM	3,436,820.	3,436,820.
PRAXAIR INC COM	2,998,930.	2,998,930.
BERKLEY W R CORP COM	1,941,723.	1,941,723.
#REORG/LIBERTY GLOBAL INC	3,449,800.	3,449,800.
WAL-MART STORES INC COM	3,616,190.	3,616,190.
ADR SKY-MOBI LTD-SP SPONSOR	72,020.	72,020.
LINKEDIN CORP CL A	8,037,400.	8,037,400.
RPX CORP COM	649,994.	649,994.
SPLUNK INC COMSTK COM	2,952,524.	2,952,524.
PEAK SPORT PRODUCTS CO LTD	108,773.	108,773.
FACEBOOK INC CL A CL A	11,450,900.	11,450,900.
CF EAFFE EQTY INDEX FD	16,487,297.	16,487,297.
CF AXIOM INTL EQTY FD	50,077,009.	50,077,009.
CF SILCHESTER INTL VALUE EQT	173,025,300.	173,025,300.
MFO RS INV TR GLOBAL NATUR	28,592,514.	28,592,514.
CF BLACKROCK EM COMPLETION	108,796,752.	108,796,752.
CF NALANDA INDIA LTD FD	12,060,517.	12,060,517.
WTC CTF GLOB NAT RESOURC	26,647,519.	26,647,519.
BCO EST R GDE SUL PRF CLASS	50,753.	50,753.
ALPARGATAS SA PRF NPV	70,577.	70,577.
SAMSUNG ELECTRONIC PFD	226,813.	226,813.
ADR VALE S A ADR REPSTG PFD	742,615.	742,615.

FORM 990PF, PART II - CORPORATE STOCK

ATTACHMENT 8 (CONT'D)

ADR PETROLEO BRASILEIRO SA
CREDIT SUISSE INTERNATIONAL
DEUTSCHE BANK AG CT 26/05/17
FRONTIER MARKETS VALUE - CLS

TOTALS

<u>DESCRIPTION</u>	<u>BOOK VALUE</u>	<u>ENDING FMV</u>
	671,408. 74,799. 126,473. 262,107.	671,408. 74,799. 126,473. 262,107.
	<u>720,857,204.</u>	<u>720,857,204.</u>

FORM 990PF, PART II - OTHER INVESTMENTS

DESCRIPTION

BOOK VALUE

ENDING
FMV

FUND 1	193, 594, 981.	193, 594, 981.
FUND 2	3, 519, 712.	3, 519, 712.
FUND 3	138, 914, 143.	138, 914, 143.
FUND 4	19, 660, 027.	19, 660, 027.
FUND 5	3, 256, 362.	3, 256, 362.
FUND 6	249, 916, 792.	249, 916, 792.
FUND 7	8, 615, 101.	8, 615, 101.
FUND 8	48, 141.	48, 141.
FUND 9	7, 877, 101.	7, 877, 101.
FUND 12	23, 083, 799.	23, 083, 799.
FUND 13	19, 262, 977.	19, 262, 977.
FUND 14	10, 035, 973.	10, 035, 973.
FUND 15	3, 684, 635.	3, 684, 635.
FUND 16	7, 634, 824.	7, 634, 824.
FUND 20	10, 523, 420.	10, 523, 420.
FUND 21	37, 851, 008.	37, 851, 008.
FUND 22	1, 717, 575.	1, 717, 575.
FUND 23	8, 119, 475.	8, 119, 475.
FUND 24	9, 752, 685.	9, 752, 685.
FUND 26	1, 931, 085.	1, 931, 085.
FUND 27	5, 800, 303.	5, 800, 303.
FUND 28	8, 785, 158.	8, 785, 158.
FUND 29	8, 414, 458.	8, 414, 458.
FUND 30	9, 159, 338.	9, 159, 338.
FUND 31	5, 194, 830.	5, 194, 830.
FUND 32	1, 123, 907.	1, 123, 907.
FUND 33	68, 216, 994.	68, 216, 994.
FUND 34	4, 362, 427.	4, 362, 427.
FUND 35	193, 793, 255.	193, 793, 255.
FUND 36	7, 974, 478.	7, 974, 478.
FUND 37	13, 495, 915.	13, 495, 915.
FUND 38	174, 145, 179.	174, 145, 179.
FUND 39	9, 786, 096.	9, 786, 096.

ATTACHMENT 9

FORM 990PF, PART II - OTHER INVESTMENTS

ATTACHMENT 9 (CONT'D)

<u>DESCRIPTION</u>	<u>BOOK VALUE</u>	<u>ENDING EMV</u>
FUND 40	5, 355.	629.
FUND 43	89, 934.	683.
FUND 44	4, 662.	891.
FUND 45	37, 721.	219.
FUND 46	103, 041.	781.
FUND 48	7, 178.	296.
FUND 50	76, 617.	852.
FUND 51	56, 060.	000.
FUND 52	10, 092.	400.
FUND 53	5, 000.	000.
FUND 54	69, 859.	000.
FUND 55	209,	250.
FUND 56	353,	500.
FUND 57	168,	940.
FUND 58	46,	410.
FUND 59	37,	018.
FUND 60	5,	244.
FUND 62	50,	521.
FUND 63	11,	947.
FUND 64	320,	817.
FUND 65	612,	933.
FUND 67	237,	611.
FUND 70	595,	354.
FUND 71	360,	323.
FUND 72	19,	819.
FUND 74	36,	104.
FUND 75	267,	378.
FUND 77	21,	141.
FUND 78	125,	586.
FUND 79	47,	098.
FUND 80	271,	361.
FUND 82	356,	439.
FUND 83	584,	500.

FORM 990PF, PART II - OTHER INVESTMENTS

ATTACHMENT 9 (CONT'D)

<u>DESCRIPTION</u>	<u>BOOK VALUE</u>	<u>ENDING FMV</u>
FUND 84	4, 296, 188.	4, 296, 188.
FUND 85	80, 355, 799.	80, 355, 799.
FUND 86	89, 770.	89, 770.
FUND 87	90, 185.	90, 185.
FUND 88	402, 917.	402, 917.
FUND 89	6, 366.	6, 366.
FUND 90	11, 220.	11, 220.
FUND 91	428, 727.	428, 727.
FUND 92	43, 606, 657.	43, 606, 657.
FUND 93	19, 596, 200.	19, 596, 200.
FUND 94	9, 479, 497.	9, 479, 497.
FUND 96	52, 828.	52, 828.
FUND 97	2, 208, 482.	2, 208, 482.
FUND 98	11, 934, 055.	11, 934, 055.
FUND 99	2, 730, 634.	2, 730, 634.
FUND 100	10, 189, 008.	10, 189, 008.
FUND 101	32, 052, 852.	32, 052, 852.
FUND 102	28, 635, 120.	28, 635, 120.
FUND 103	699, 393.	699, 393.
FUND 104	9, 037, 536.	9, 037, 536.
FUND 105	25, 761, 124.	25, 761, 124.
FUND 106	12, 196, 363.	12, 196, 363.
FUND 107	2, 310, 382.	2, 310, 382.
FUND 109	49, 086, 595.	49, 086, 595.
FUND 110	15, 773, 479.	15, 773, 479.
FUND 111	25, 779, 157.	25, 779, 157.
FUND 112	9, 711, 736.	9, 711, 736.
FUND 113	4, 576, 247.	4, 576, 247.
FUND 114	84, 167, 974.	84, 167, 974.
FUND 115	54, 177, 798.	54, 177, 798.
FUND 116	414, 729.	414, 729.
FUND 118	4, 420, 404.	4, 420, 404.
FUND 120	10, 570, 761.	10, 570, 761.

FORM 990PF, PART II - OTHER INVESTMENTS

ATTACHMENT 9 (CONT'D)

<u>DESCRIPTION</u>	<u>BOOK VALUE</u>	<u>ENDING FMV</u>
FUND 121	2,795,823.	2,795,823.
FUND 123	3,777,030.	3,777,030.
FUND 124	5,046,698.	5,046,698.
FUND 125	448,194.	448,194.
FUND 126	52,536,774.	52,536,774.
FUND 127	11,207,916.	11,207,916.
FUND 129	4,189,260.	4,189,260.
FUND 131	24,478,557.	24,478,557.
FUND 132	3,471,177.	3,471,177.
FUND 133	5,510,092.	5,510,092.
FUND 134	12,571,110.	12,571,110.
FUND 135	10,746,595.	10,746,595.
FUND 136	136,974,215.	136,974,215.
FUND 139	3,835,411.	3,835,411.
FUND 140	11,354,347.	11,354,347.
FUND 141	15,474,284.	15,474,284.
FUND 142	32,324,291.	32,324,291.
FUND 143	13,013,991.	13,013,991.
FUND 145	2,645,933.	2,645,933.
FUND 146	2,334,397.	2,334,397.
FUND 147	12,392,454.	12,392,454.
FUND 148	6,731,975.	6,731,975.
FUND 149	1,628,675.	1,628,675.
FUND 150	8,900,617.	8,900,617.
FUND 151	118,218.	118,218.
FUND 152	16,808,817.	16,808,817.
FUND 153	7,948,805.	7,948,805.
FUND 155	4,492,064.	4,492,064.
FUND 156	9,802,148.	9,802,148.
FUND 157	15,927,332.	15,927,332.
FUND 158	29,630,214.	29,630,214.
FUND 159	22,633,606.	22,633,606.
FUND 160	40,326,657.	40,326,657.

FORM 990PF, PART II - OTHER INVESTMENTS

ATTACHMENT 9 (CONT'D)

<u>DESCRIPTION</u>	<u>BOOK VALUE</u>	<u>ENDING FMV</u>
FUND 161	7,899,480.	7,899,480.
FUND 163	172,491,237.	172,491,237.
FUND 164	2,646,919.	2,646,919.
FUND 165	3,267,807.	3,267,807.
FUND 166	13,191,347.	13,191,347.
FUND 167	6,138,041.	6,138,041.
FUND 168	6,742,249.	6,742,249.
FUND 169	4,054,113.	4,054,113.
FUND 170	5,718,536.	5,718,536.
FUND 171	38,457,812.	38,457,812.
FUND 172	3,054,000.	3,054,000.
FUND 173	2,501,941.	2,501,941.
FUND 174	30,067,856.	30,067,856.
FUND 175	13,495,000.	13,495,000.
FUND 176	310,000.	310,000.
FUND 177	110,007.	110,007.
FUND 178	7,352,718.	7,352,718.
FUND 180	24,099,737.	24,099,737.
FUND 182	38,124,476.	38,124,476.
FUND 184	11,249,211.	11,249,211.
FUND 185	9,187,549.	9,187,549.
FUND 186	10,373,537.	10,373,537.
FUND 187	1,873,207.	1,873,207.
FUND 191	9,288,063.	9,288,063.
FUND 193	40,830,454.	40,830,454.
FUND 194	4,955,102.	4,955,102.
FUND 195	7,411,498.	7,411,498.
FUND 196	4,272,589.	4,272,589.
FUND 197	4,612,584.	4,612,584.
FUND 198	3,210,073.	3,210,073.
FUND 199	4,591,453.	4,591,453.
FUND 202	2,174,418.	2,174,418.
FUND 203	13,309,496.	13,309,496.

FORM 990PF, PART II - OTHER INVESTMENTS

ATTACHMENT 9 (CONT'D)

<u>DESCRIPTION</u>	<u>BOOK VALUE</u>	<u>ENDING FMV</u>
FUND 204	11,213,072.	11,213,072.
FUND 205	10,259,856.	10,259,856.
FUND 206	2,173,260.	2,173,260.
FUND 207	267,572.	267,572.
FUND 208	25,300.	25,300.
FUND 209	1,798,189.	1,798,189.
FUND 210	22,595,407.	22,595,407.
FUND 211	6,272,801.	6,272,801.
FUND 212	4,417,964.	4,417,964.
FUND 213	5,117,589.	5,117,589.
FUND 214	2,898,403.	2,898,403.
FUND 215	2,505,133.	2,505,133.
FUND 216	81,670.	81,670.
FUND 217	36,813,958.	36,813,958.
FUND 218	4,795,495.	4,795,495.
FUND 219	160,664.	160,664.
FUND 220	192,379.	192,379.
FUND 221	15,422,244.	15,422,244.
FUND 222	27,793,689.	27,793,689.
FUND 223	84,113,518.	84,113,518.
FUND 224	1,379,240.	1,379,240.
FUND 225	1,003,683.	1,003,683.
FUND 226	3,278,945.	3,278,945.
FUND 227	36,425,016.	36,425,016.
FUND 228	73,137,278.	73,137,278.
FUND 229	4,436,000.	4,436,000.
FUND 230	8,659,688.	8,659,688.
FUND 231	1,188,113.	1,188,113.
FUND 232	18,504,550.	18,504,550.
FUND 234	780,581.	780,581.
FUND 235	10,922,852.	10,922,852.
	<u>12,258,804.897.</u>	<u>4,086,268,299.</u>
	TOTALS	

LAND, BUILDINGS, EQUIPMENT NOT HELD FOR INVESTMENT

FIXED ASSET DETAIL

ACCUMULATED DEPRECIATION DETAIL

<u>ASSET DESCRIPTION</u>	<u>METHOD/ CLASS</u>	<u>BEGINNING BALANCE</u>	<u>ADDITIONS</u>	<u>DISPOSALS</u>	<u>ENDING BALANCE</u>	<u>BEGINNING BALANCE</u>	<u>ADDITIONS</u>	<u>DISPOSALS</u>	<u>ENDING BALANCE</u>
COMPUTER EQUIPMENT	SL	2,565,249.			2,565,249.				2,565,249.
COMPUTER SOFTWARE	SL	838,735.			838,735				838,735
FURNITURE&EQUIP	SL	409,551			409,551.				409,551.
LEASEHOLD IMPROV	SLA	7,527,653.			3,786,988	340,060			4,127,048.
TOTALS									<u>2,600,523</u>
									<u>2,940,583</u>
									<u>11341188</u>

ATTACHMENT 10

FORM 990PF, PART II - OTHER ASSETS

ATTACHMENT 11

<u>DESCRIPTION</u>	<u>BOOK VALUE</u>	<u>ENDING FMV</u>
INT. & DIVIDENDS RECEIVABLE	317,181.	317,181.
INVESTMENT REDEMPTIONS	61,956,777.	61,956,777.
PROG. REL. - MIDDLE BAY SUST.	131,619.	131,619.
TOTALS	<u><u>62,405,577.</u></u>	<u><u>62,405,577.</u></u>

ATTACHMENT 12

FORM 990PF, PART II - OTHER LIABILITIES

<u>DESCRIPTION</u>	<u>ENDING BOOK VALUE</u>
DEFERRED FEDERAL EXCISE TAX	5,093,458.
TOTALS	<u>5,093,458.</u>

ATTACHMENT 13

FORM 990PF, PART III - OTHER INCREASES IN NET WORTH OR FUND BALANCES

<u>DESCRIPTION</u>	<u>AMOUNT</u>
UNREALIZED GAINS ON INVESTMENTS	270,542,552.
TOTAL	<u>270,542,552.</u>

FORM 990PF, PART VII-A, LINE 11A-TRANSFERS FROM CONT. ENT. STATEMENT

CONTROLLED ENTITY'S NAME: DYNAMO BRASIL V, LLC
CONTROLLED ENTITY'S ADDRESS: AV. ATAULFO DE PAIVA, 1234-6 ANDAR 22440
CITY, STATE & ZIP: RIO DE JANEIRO
FOREIGN PROVINCE: RJ
FOREIGN COUNTRY: BRAZIL
EIN: 94-3397785
TRANSFER AMOUNT: 5,775,000.
EXPLANATION OF TRANSFER FROM CONTROLLED ENTITY:
DIVIDEND/DISTRIBUTION

CONTROLLED ENTITY'S NAME: GBMF INTERNATIONAL LTD.
CONTROLLED ENTITY'S ADDRESS: P.O. BOX 309GT, UGLAND HOUSE
CITY, STATE & ZIP: GEORGE TOWN
FOREIGN PROVINCE: GRAND CAYMAN
FOREIGN COUNTRY: CAYMAN ISLANDS
EIN: 94-3397785
TRANSFER AMOUNT: 10,706,424.
EXPLANATION OF TRANSFER FROM CONTROLLED ENTITY:
DIVIDEND/DISTRIBUTION

FORM 990PF, PART VII-A -DISTRIBUTION TO A DONOR ADVISE

DONOR ADVISED FUNDS

GRANT RECIPIENT: TIDES CANADA FOUNDATION

AWARDED DATE: 4/12/2012

PAYMENT AMOUNT: \$981,200

PAYMENT DATE: 5/2/2012

PROJECT DESCRIPTION: TO SUPPORT THE WILD SALMON ECOSYSTEM FUND, A DONOR ADVISED FUND FOR SMALL-SCALE INVESTMENTS IN LOCAL, COMMUNITY-DRIVEN ACTIVITIES AIMED AT PROTECTING WILD SALMON IN BRITISH COLUMBIA.

GRANT RECIPIENT: TIDES CANADA FOUNDATION

AWARDED DATE: 10/3/2011

PAYMENT AMOUNT: \$100,750

PAYMENT DATE: 10/4/2012

PROJECT DESCRIPTION: IN SUPPORT OF THE SALMON AQUACULTURE INNOVATION FUND, A DONOR ADVISED FUND. FUNDING WILL BE USED IN CONJUNCTION WITH PUBLIC AND PRIVATE SOURCES TO SUPPORT EARLY STAGE RESEARCH, DEVELOPMENT, AND DEMONSTRATION OF CLOSED CONTAINMENT SYSTEMS IN BRITISH COLUMBIA.

GRANT RECIPIENT: TIDES CANADA FOUNDATION

AWARDED DATE: 10/19/2010

PAYMENT AMOUNT: \$209,561

PAYMENT DATE: 10/9/2012

PROJECT DESCRIPTION: IN SUPPORT OF THE SALMON AQUACULTURE INNOVATION FUND, A DONOR ADVISED FUND. FUNDING WILL BE USED IN CONJUNCTION WITH PUBLIC AND PRIVATE SOURCES TO SUPPORT EARLY STAGE RESEARCH, DEVELOPMENT AND DEMONSTRATION OF ON-LAND CLOSED CONTAINMENT SYSTEMS IN BRITISH COLUMBIA.

GRANT RECIPIENT: TIDES CANADA FOUNDATION

AWARDED DATE: 07/02/2012

PAYMENT AMOUNT: \$224,644

PROJECT DESCRIPTION: TO SUPPORT AN AGILE MECHANISM FOR TIMELY, SMALL-SCALE INVESTMENTS IN ACTIVITIES AIMED AT SECURING RESILIENT AND PRODUCTIVE MARINE ECOSYSTEMS IN BRITISH COLUMBIA.

FORM 990PF, PART VII-A, LINE 16 - LIST OF FOREIGN COUNTRIES

BRAZIL
CHILE
CHINA
CZECH REPUBLIC
DENMARK
EGYPT
GREECE
HUNGARY
INDIA
INDONESIA
ISRAEL
JAPAN
PERU
POLAND
QATAR
KOREA, REPUBLIC OF (SOUTH)
SLOVAKIA
TAIWAN
TURKEY

FORM 990PF, PART VII-B, LINE 5C-EXPENDITURE RESPONSIBILITY STATEMENT

GRANTEE'S NAME: INSTITUTO DE PESQUISAS ECOLOGICAS
GRANTEE'S ADDRESS: ROD. DOM PEDRO I, KM 47 66035-170
CITY, STATE & ZIP: NAZARE PAULISTA
FOREIGN PROVINCE: SP
FOREIGN COUNTRY: BRAZIL
GRANT DATE: 07/22/2012
GRANT AMOUNT: 132,500.
GRANT PURPOSE: TO IMPROVE INNOVATIVE APPROACHES TO PROTECTED AREA FUNDING AND CO-MANAGEMENT IN BRAZIL.
AMOUNT EXPENDED:
ANY DIVERSION? NO
DATES OF REPORTS: NO REPORTS DUE DURING TAXABLE YEAR.
VERIFICATION DATE:
RESULTS OF VERIFICATION:
TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS(S) FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

GRANTEE'S NAME: BRISTOL BAY REGIONAL SEAFOOD DEVELOPMENT
GRANTEE'S ADDRESS: 14220 HANCOCK DRIVE
CITY, STATE & ZIP: ANCHORAGE, AK 99515
GRANT DATE: 07/17/2012
GRANT AMOUNT: 202,938.
GRANT PURPOSE: TO INCREASE LOCAL AND NATIONAL SUPPORT FOR CONSERVATION OF BRISTOL BAY SALMON HABITAT.
AMOUNT EXPENDED:
ANY DIVERSION? NO
DATES OF REPORTS: NO REPORTS DUE DURING TAXABLE YEAR.
VERIFICATION DATE:
RESULTS OF VERIFICATION:
TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS(S) FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

GRANTEE'S NAME: GREAT BEAR INITIATIVE SOCIETY
GRANTEE'S ADDRESS: 409 GRANVILLE STREET, SUITE 1660 V6C 1T2
CITY, STATE & ZIP: VANCOUVER
FOREIGN PROVINCE: BC
FOREIGN COUNTRY: CANADA
GRANT DATE: 06/21/2012
GRANT AMOUNT: 314,472.
GRANT PURPOSE: TO SUPPORT IMPLEMENTING LAND AND MARINE USE PLANS AND AGREEMENTS
AMOUNT EXPENDED: 203,651.
ANY DIVERSION? NO
DATES OF REPORTS: 11/26/2012
VERIFICATION DATE:
RESULTS OF VERIFICATION:
TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS(S) FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

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FORM 990PF, PART VII-B, LINE 5C-EXPENDITURE RESPONSIBILITY STATEMENT

GRANTEE'S NAME: BRITISH COLUMBIA FIRST NATIONS FISHERIES
GRANTEE'S ADDRESS: 202-100 PARK ROYAL SOUTH
CITY, STATE & ZIP: WEST VANCOUVER
FOREIGN PROVINCE: B.C.
FOREIGN COUNTRY: CANADA
GRANT DATE: 07/29/2012
GRANT AMOUNT: 261,929.
GRANT PURPOSE: TO SUPPORT FIRST NATIONS' KNOWLEDGE OF AND COMMON STRATEGY FOR FRESHWATER MANAGEMENT.
AMOUNT EXPENDED:
ANY DIVERSION? NO
DATES OF REPORTS: NO REPORTS DUE DURING TAXABLE YEAR.
VERIFICATION DATE:
RESULTS OF VERIFICATION:
TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS(S) FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

GRANTEE'S NAME: GREEN TECHNOLOGY LEADERSHIP GROUP
GRANTEE'S ADDRESS: 95814-2739
CITY, STATE & ZIP: SACRAMENTO, CA 95814-2739
GRANT DATE: 07/18/2012
GRANT AMOUNT: 350,000.
GRANT PURPOSE: TO SUPPORT CONSERVATION AND REDUCE EMISSIONS WITHIN CALIFORNIA'S CAP AND TRADE PROGRAM.
AMOUNT EXPENDED: 57,687.
ANY DIVERSION? NO
DATES OF REPORTS: 12/31/2012
VERIFICATION DATE:
RESULTS OF VERIFICATION:
TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS(S) FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

GRANTEE'S NAME: SK PARTNERS LLC
GRANTEE'S ADDRESS: 1047 EL CAMINO REAL #202
CITY, STATE & ZIP: MENLO PARK, CA 94025
GRANT DATE: 06/17/2012
GRANT AMOUNT: 493,698.
GRANT PURPOSE: TO SUPPORT IMPROVING EVALUATION OF INFORMAL SCIENCE LEARNING PROGRAMS.
AMOUNT EXPENDED:
ANY DIVERSION? NO
DATES OF REPORTS: NO REPORTS DUE DURING TAXABLE YEAR.
VERIFICATION DATE:
RESULTS OF VERIFICATION:
TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS(S) FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

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FORM 990PF, PART VII-B, LINE 5C-EXPENDITURE RESPONSIBILITY STATEMENT

GRANTEE'S NAME: HEALTH 2 0 LLC
GRANTEE'S ADDRESS: 650 DELANCEY ST. #221
CITY, STATE & ZIP: SAN FRANCISCO, CA 94107
GRANT DATE: 06/12/2012
GRANT AMOUNT: 247,500.
GRANT PURPOSE: TO SUPPORT BRIDGING THE KNOWLEDGE GAP BETWEEN HOSPITALS AND THE HEALTHCRE IT STARTUP COMMITY
AMOUNT EXPENDED:
ANY DIVERSION? NO
DATES OF REPORTS: NO REPORTS DUE DURING TAXABLE YEAR.
VERIFICATION DATE:
RESULTS OF VERIFICATION:
TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS(S) FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

GRANTEE'S NAME: SKEENA WATERSHED CONSERVATION COALITION
GRANTEE'S ADDRESS: PO BOX 70 V0J 1Y0
CITY, STATE & ZIP: HAZELTON
FOREIGN PROVINCE: B.C.
FOREIGN COUNTRY: CANADA
GRANT DATE: 05/12/2012
GRANT AMOUNT: 567,300.
GRANT PURPOSE: TO ENHANCE SKEENA FIRST NATIONS AND COMMUNITIES IN PROMOTING PRECAUTIONARY MANAGEMENT.
AMOUNT EXPENDED:
ANY DIVERSION? NO
DATES OF REPORTS: NO REPORTS DUE DURING TAXABLE YEAR.
VERIFICATION DATE:
RESULTS OF VERIFICATION:
TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS(S) FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

GRANTEE'S NAME: SPITFIRE STRATEGIES LLC
GRANTEE'S ADDRESS: 1800 M STREET, NW, STE 300 N
CITY, STATE & ZIP: WASHINGTON, DC 20036
GRANT DATE: 04/08/2012
GRANT AMOUNT: 242,943.
GRANT PURPOSE: TO SUPPORT GRANTEES IN IMPLEMENTING STRATEGIC COMMUNICATIONS AROUND CATCH SHARES.
AMOUNT EXPENDED:
ANY DIVERSION? NO
DATES OF REPORTS: 6/30/12, 9/30/12, 12/31/12
VERIFICATION DATE:
RESULTS OF VERIFICATION:
TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS(S) FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

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FORM 990PF, PART VII-B, LINE 5C-EXPENDITURE RESPONSIBILITY STATEMENT

GRANTEE'S NAME: MCKINSEY AND COMPANY
GRANTEE'S ADDRESS: 555 CALIFORNIA ST; STE 4700
CITY, STATE & ZIP: SAN FRANCISCO, CA 94104
GRANT DATE: 03/15/2012
GRANT AMOUNT: 360,000.
GRANT PURPOSE: TO RESEARCH RESOURCE DEMAND ISSUES TO IDENTIFY POTENTIAL INTERVENTIONS.
AMOUNT EXPENDED: 360,000.
ANY DIVERSION? NO
DATES OF REPORTS: 6/27/2012
VERIFICATION DATE:
RESULTS OF VERIFICATION:
TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS(S)
FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED
FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

GRANTEE'S NAME: GREAT BEAR INITIATIVE SOCIETY
GRANTEE'S ADDRESS: 409 GRANVILLE STREET, SUITE 1660 V6C 1T2
CITY, STATE & ZIP: VANCOUVER
FOREIGN PROVINCE: BC
FOREIGN COUNTRY: CANADA
GRANT DATE: 08/06/2010
GRANT AMOUNT: 2,462,933.
GRANT PURPOSE: TO SUPPORT FIRST NATIONS MARINE SPATIAL PLANNING.
AMOUNT EXPENDED: 1,589,121.
ANY DIVERSION? NO
DATES OF REPORTS: 6/8/2012, 7/3/2012, 7/25/2012, 7/26/2012, 11/6/2012
VERIFICATION DATE:
RESULTS OF VERIFICATION:
TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS(S)
FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED
FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE. NOTE: GRANT AMOUNT
ADJUSTED DUE TO CURRENCY RATE FLUCTUATION.

GRANTEE'S NAME: MONTEREY BAY AQUARIUM RESEARCH INSTITUTE
GRANTEE'S ADDRESS: 7700 SANDHOLDT ROAD
CITY, STATE & ZIP: MOSS LANDING, CA 95039-9644
GRANT DATE: 09/16/2010
GRANT AMOUNT: 3,060,000.
GRANT PURPOSE: TO SUPPORT MICROFLUIDIC CHIP TECHNOLOGIES TO
ENHANCE ENVIRONMENTAL MONITORING.
AMOUNT EXPENDED: 1,368,608.
ANY DIVERSION? NO
DATES OF REPORTS: 1/31/2012
VERIFICATION DATE:
RESULTS OF VERIFICATION:
TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS(S)
FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED
FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

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FORM 990PF, PART VII-B, LINE 5C-EXPENDITURE RESPONSIBILITY STATEMENT

GRANTEE'S NAME: GREAT BEAR INITIATIVE SOCIETY
GRANTEE'S ADDRESS: 409 GRANVILLE STREET, SUITE 1660 V6C 1T2
CITY, STATE & ZIP: VANCOUVER
FOREIGN PROVINCE: BC
FOREIGN COUNTRY: CANADA
GRANT DATE: 09/13/2007
GRANT AMOUNT: 3,388,307.
GRANT PURPOSE: FIRST NATIONS MARINE SPATIAL PLANNING.
AMOUNT EXPENDED: 3,344,205.
ANY DIVERSION? NO
DATES OF REPORTS: 6/21/2012
VERIFICATION DATE:
RESULTS OF VERIFICATION:

TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS (S) FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE. NOTE: GRANT AMOUNT ADJUSTED DUE TO CURRENCY RATE FLUCTUATION.

GRANTEE'S NAME: GREAT BEAR INITIATIVE SOCIETY
GRANTEE'S ADDRESS: 409 GRANVILLE STREET, SUITE 1660 V6C 1T2
CITY, STATE & ZIP: VANCOUVER
FOREIGN PROVINCE: BC
FOREIGN COUNTRY: CANADA
GRANT DATE: 10/22/2009
GRANT AMOUNT: 247,727.
GRANT PURPOSE: TO SUPPORT FIRST NATIONS LEADERSHIP.
AMOUNT EXPENDED: 222,525.
ANY DIVERSION? NO
DATES OF REPORTS: 6/28/12, 11/30/2012
VERIFICATION DATE:
RESULTS OF VERIFICATION:

TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS (S) FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE. NOTE: GRANT AMOUNT ADJUSTED DUE TO CURRENCY RATE FLUCTUATION.

GRANTEE'S NAME: NANWAKOLAS COUNCIL
GRANTEE'S ADDRESS: 203 - 2005 EAGLE DRIVE V9H-1V8
CITY, STATE & ZIP: CAMPBELL RIVER
FOREIGN PROVINCE: BC
FOREIGN COUNTRY: CANADA
GRANT DATE: 10/25/2010
GRANT AMOUNT: 1,147,796.
GRANT PURPOSE: TO SUPPORT FIRST NATIONS MARINE SPATIAL PLANNING.
AMOUNT EXPENDED: 451,131.
ANY DIVERSION? NO
DATES OF REPORTS: 5/1/2012
VERIFICATION DATE:
RESULTS OF VERIFICATION:

TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS (S) FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED

FORM 990PF, PART VII-B, LINE 5C-EXPENDITURE RESPONSIBILITY STATEMENT

FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE. NOTE: GRANT AMOUNT ADJUSTED DUE TO CURRENCY RATE FLUCTUATION.

GRANTEE'S NAME: MIDDLE BAY SUSTAINABLE AQUACULTURE INSTI
GRANTEE'S ADDRESS: 680-220 CAMBIE ST. V6B 2M9
CITY, STATE & ZIP: VANCOUVER
FOREIGN PROVINCE: BC
FOREIGN COUNTRY: CANADA
GRANT DATE: 04/04/2010
GRANT AMOUNT: 1,899,538.
GRANT PURPOSE: TO SUPPORT A DEMONSTRATION PROJECT FOR CLOSED CONTAINMENT SALMON PRODUCTION.
AMOUNT EXPENDED: 1,837,796.
ANY DIVERSION? NO
DATES OF REPORTS: 1/20/2012, 10/25/2012
VERIFICATION DATE:
RESULTS OF VERIFICATION:
TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS(S) FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE. NOTE: GRANT AMOUNT ADJUSTED DUE TO CURRENCY RATE FLUCTUATION.

GRANTEE'S NAME: MIDDLE BAY SUSTAINABLE AQUACULTURE INSTI
GRANTEE'S ADDRESS: 680-220 CAMBIE ST. V6B 2M9
CITY, STATE & ZIP: VANCOUVER
FOREIGN PROVINCE: BC
FOREIGN COUNTRY: CANADA
GRANT DATE: 07/16/2008
GRANT AMOUNT: 219,289.
GRANT PURPOSE: TO PROVIDE BRIDGE FINANCING FOR CONSTRUCTING CLOSED CONTAINMENT AQUACULTURE TRIAL.
AMOUNT EXPENDED: 720,689.
ANY DIVERSION? NO
DATES OF REPORTS: 9/12/2012
VERIFICATION DATE:
RESULTS OF VERIFICATION:
TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS(S) FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE. NOTE: GRANT AMOUNT ADJUSTED DUE TO CURRENCY RATE FLUCTUATION.

GRANTEE'S NAME: ALIANCA DA TERRA
GRANTEE'S ADDRESS: RUA 1 N 531, SETOR 5, CENTRO 78 635-103
CITY, STATE & ZIP: AGUA BOA
FOREIGN PROVINCE: MG
FOREIGN COUNTRY: BRAZIL
GRANT DATE: 09/01/2009
GRANT AMOUNT: 1,685,462.
GRANT PURPOSE: TO SUPPORT LAND STEWARDSHIP ON PRIVATE LAND IN THE BRAZILIAN AMAZON.

CONT'D ON NEXT PAGE

FORM 990PF, PART VII-B, LINE 5C-EXPENDITURE RESPONSIBILITY STATEMENT

AMOUNT EXPENDED: 1,553,843.

ANY DIVERSION? NO

DATES OF REPORTS: 03/22/2012, 08/27/2012, 08/27/2012

VERIFICATION DATE:

RESULTS OF VERIFICATION:

TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS(S)
FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED
FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

GRANTEE'S NAME: MONTEREY BAY AQUARIUM RESEARCH INSTITUTE

GRANTEE'S ADDRESS: 7700 SANDHOLDT ROAD

CITY, STATE & ZIP: MOSS LANDING, CA 95039-9644

GRANT DATE: 11/07/2007

GRANT AMOUNT: 950,351.

GRANT PURPOSE: TO SUPPORT DEVELOPMENT OF MARINE EUKARYOTIC
METAGENOMIC METHODS.

AMOUNT EXPENDED: 950,351.

ANY DIVERSION? NO

DATES OF REPORTS: 3/14/2012

VERIFICATION DATE:

RESULTS OF VERIFICATION:

TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS(S)
FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED
FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

GRANTEE'S NAME: MOSAIC EVENT MANAGEMENT INC

GRANTEE'S ADDRESS: 67 HAIGHT ST.

CITY, STATE & ZIP: SAN FRANCISCO, CA 94102

GRANT DATE: 10/18/2011

GRANT AMOUNT: 198,264.

GRANT PURPOSE: FOR TWO CONVENINGS OF EXPERTS FROM CLINICAL
PRACTICE, RESEARCH, AND NURSING EDUCATION.

AMOUNT EXPENDED: 198,264.

ANY DIVERSION? NO

DATES OF REPORTS: 2/22/2012, 4/25/2012, 4/25/2012, 2/22/2012, 5/31/2012

VERIFICATION DATE:

RESULTS OF VERIFICATION:

TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS(S)
FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED
FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

GRANTEE'S NAME: MRAG AMERICAS INC

GRANTEE'S ADDRESS: 10051 5TH ST. N, SUITE 105

CITY, STATE & ZIP: ST. PETERSBURG, FL 33702

GRANT DATE: 12/09/2011

GRANT AMOUNT: 2,746,666.

GRANT PURPOSE: TO SUPPORT A PERFORMANCE EVALUATION OF NEW ENGLAND
AND PACIFIC GROUNDFISH CATCH SHARES.

AMOUNT EXPENDED: 327,158.

ANY DIVERSION? NO

CONT'D ON NEXT PAGE

FORM 990PF, PART VII-B, LINE 5C-EXPENDITURE RESPONSIBILITY STATEMENT

DATES OF REPORTS: 12/15/2012

VERIFICATION DATE:

RESULTS OF VERIFICATION:

TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS(S)
FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED
FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

GRANTEE'S NAME: GITGA'AT LANDS AND RESOURCES STEWARDSHIP

GRANTEE'S ADDRESS: 445 HAYIMIISAXAA WAY VOV 1A0

CITY, STATE & ZIP: HARTLEY BAY

FOREIGN PROVINCE: BC

FOREIGN COUNTRY: CANADA

GRANT DATE: 09/24/2009

GRANT AMOUNT: 108,713.

GRANT PURPOSE: TO SUPPORT THE GITGA'AT MARINE SPATIAL PLANNING.

AMOUNT EXPENDED: 115,750.

ANY DIVERSION? NO

DATES OF REPORTS: 5/4/2012

VERIFICATION DATE:

RESULTS OF VERIFICATION:

TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS(S)
FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED
FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE. NOTE: GRANT AMOUNT
ADJUSTED DUE TO CURRENCY RATE FLUCTUATION.

GRANTEE'S NAME: SPITFIRE STRATEGIES LLC

GRANTEE'S ADDRESS: 1800 M STREET, NW, STE 300 N

CITY, STATE & ZIP: WASHINGTON, DC 95039-9644

GRANT DATE: 05/31/2011

GRANT AMOUNT: 195,886.

GRANT PURPOSE: TO SUPPORT REFORMING FISHERIES MANAGEMENT GRANTEES
IN IMPLEMENTING STRATEGIC COMMUNICATION.

AMOUNT EXPENDED: 195,886.

ANY DIVERSION? NO

DATES OF REPORTS: 3/30/2012

VERIFICATION DATE:

RESULTS OF VERIFICATION:

TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS(S)
FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED
FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

GRANTEE'S NAME: SWEETSPRING SALMON INC

GRANTEE'S ADDRESS: 2301 NE BLAKELEY ST STE 102

CITY, STATE & ZIP: SEATTLE, WA 98105

GRANT DATE: 11/16/2011

GRANT AMOUNT: 650,000.

GRANT PURPOSE: TO DEMONSTRATE TECHNICAL AND FINANCIAL FEASIBILITY
OF ON-LAND CLOSED CONTAINMENT AQUACULTURE.

AMOUNT EXPENDED: 108,145.

ANY DIVERSION? NO

CONT'D ON NEXT PAGE

FORM 990PF, PART VII-B, LINE 5C-EXPENDITURE RESPONSIBILITY STATEMENT

DATES OF REPORTS: 4/2/2012

VERIFICATION DATE:

RESULTS OF VERIFICATION:

TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS (S) FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

GRANTEE'S NAME: FUNDACAO VITORIA AMAZONICA
GRANTEE'S ADDRESS: RUA ESTRELA DALVA, 146 69083-230
CITY, STATE & ZIP: MANAUS
FOREIGN PROVINCE: AM
FOREIGN COUNTRY: BRAZIL
GRANT DATE: 06/07/2011
GRANT AMOUNT: 1,664,385.
GRANT PURPOSE: TO CONSOLIDATE THE MANAGEMENT OF FOUR PROTECTED AREAS IN THE LOWER RIO NEGRO BASIN.
AMOUNT EXPENDED: 681,583.

ANY DIVERSION? NO

DATES OF REPORTS: 5/23/2012

VERIFICATION DATE:

RESULTS OF VERIFICATION:

TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS (S) FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

GRANTEE'S NAME: FOREVER COSTA RICA ASSOCIATION
GRANTEE'S ADDRESS: FORUM I, EDIFICIO G, PISO 7
CITY, STATE & ZIP: SAN JOSE
FOREIGN COUNTRY: COSTA RICA
GRANT DATE: 10/28/2011
GRANT AMOUNT: 199,500.
GRANT PURPOSE: TO SUPPORT IMPLEMENTATION OF COSTA RICAN MARINE PROTECTED AREA PLANS.
AMOUNT EXPENDED: 75,214.
ANY DIVERSION? NO
DATES OF REPORTS: 5/15/2012
VERIFICATION DATE:
RESULTS OF VERIFICATION:

TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS (S) FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

GRANTEE'S NAME: GREAT BEAR INITIATIVE SOCIETY
GRANTEE'S ADDRESS: 409 GRANVILLE STREET, SUITE 1660 V6C 1T2
CITY, STATE & ZIP: VANCOUVER
FOREIGN PROVINCE: BC
FOREIGN COUNTRY: CANADA
GRANT DATE: 10/28/2011
GRANT AMOUNT: 576,614.
GRANT PURPOSE: TO SUPPORT FIRST NATIONS COMMUNICATIONS.

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FORM 990PF, PART VII-B, LINE 5C-EXPENDITURE RESPONSIBILITY STATEMENT

AMOUNT EXPENDED: 202,973.
ANY DIVERSION? NO
DATES OF REPORTS: 7/25/2012, 6/12/2012, 6/28/2012, 7/25/2012, 11/6/2012
VERIFICATION DATE:
RESULTS OF VERIFICATION:
TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS(S)
FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED
FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

GRANTEE'S NAME: CLIMATE FOCUS NORTH AMERICA INC
GRANTEE'S ADDRESS: 1025 CONNECTICUT AVE, NW
CITY, STATE & ZIP: WASHINGTON, DC 20036
GRANT DATE: 10/03/2011
GRANT AMOUNT: 184,900.
GRANT PURPOSE: TO SUPPORT EMISSIONS REDUCTIONS AND STRENGTHEN THE
GOVERNORS' CLIMATE & FORESTS TASK FORCE
AMOUNT EXPENDED: 184,900.
ANY DIVERSION? NO
DATES OF REPORTS: 1/04/12, 3/1/2012
VERIFICATION DATE:
RESULTS OF VERIFICATION:
TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS(S)
FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED
FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

GRANTEE'S NAME: SWEETSPRING SALMON INC
GRANTEE'S ADDRESS: 2301 NE BLAKELEY STREETSUITE 102
CITY, STATE & ZIP: SEATTLE, WA 98105-3293
GRANT DATE: 11/14/2010
GRANT AMOUNT: 990,474.
GRANT PURPOSE: TO DEMONSTRATE TECHNICAL AND FINANCIAL FEASIBILITY
OF ON-LAND CLOSED CONTAINMENT AQUACULTURE
AMOUNT EXPENDED: 785,018.
ANY DIVERSION? NO
DATES OF REPORTS: 4/2/2012, 4/2/2012, 4/2/2012, 4/2/2012
VERIFICATION DATE:
RESULTS OF VERIFICATION:
TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS(S)
FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED
FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

GRANTEE'S NAME: NEW FORESTS ADVISORY INC
GRANTEE'S ADDRESS: 601 MONTGOMERY ST STE 665
CITY, STATE & ZIP: SAN FRANCISCO, CA 94104
GRANT DATE: 10/01/2010
GRANT AMOUNT: 566,953.
GRANT PURPOSE: TO SUPPORT THE DESIGN OF MARKET-BASED CONSERVATION
INCENTIVES IN THE AMAZON.
AMOUNT EXPENDED: 535,250.
ANY DIVERSION? NO

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FORM 990PF, PART VII-B, LINE 5C-EXPENDITURE RESPONSIBILITY STATEMENT

DATES OF REPORTS: 9/30/2012

VERIFICATION DATE:

RESULTS OF VERIFICATION:

TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS(S)
FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED
FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

GRANTEE'S NAME: CLIMATE ADVISERS

GRANTEE'S ADDRESS: 1320 19TH STREET, NW

CITY, STATE & ZIP: WASHINGTON, DC 94104

GRANT DATE: 09/18/2012

GRANT AMOUNT: 203,900.

GRANT PURPOSE: TO SUPPORT STAKEHOLDERS TO ENGAGE WITH THE US
GOVERNMENT AND CONSUMER GOODS FORUM.

AMOUNT EXPENDED:

ANY DIVERSION? NO

DATES OF REPORTS: NO REPORTS DUE DURING TAXABLE YEAR.

VERIFICATION DATE:

RESULTS OF VERIFICATION:

TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS(S)
FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED
FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

GRANTEE'S NAME: ALASKA SALMON INITIATIVE

GRANTEE'S ADDRESS: 323 CAROLYN ST, SUITE 200

CITY, STATE & ZIP: KODIAK, AK 98105-3293

GRANT DATE: 09/13/2012

GRANT AMOUNT: 1,871,000.

GRANT PURPOSE: TO TEST THE FEASIBILITY OF A NONPARTISAN EFFORT TO
CONVENE ALASKANS TO SUSTAIN WILD SALMON.

AMOUNT EXPENDED:

ANY DIVERSION? NO

DATES OF REPORTS: NO REPORTS DUE DURING TAXABLE YEAR.

VERIFICATION DATE:

RESULTS OF VERIFICATION:

TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS(S)
FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED
FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

GRANTEE'S NAME: MANTA CONSULTING INC

GRANTEE'S ADDRESS: 316 MID VALLEY CTR, #190

CITY, STATE & ZIP: CARMEL, CA 93923

GRANT DATE: 11/05/2012

GRANT AMOUNT: 111,000.

GRANT PURPOSE: TO SUPPORT ENTREPRENEURS IN THE SEAFOOD SECTOR
THROUGH A COMPETITION CALLED FISH 2.0.

AMOUNT EXPENDED:

ANY DIVERSION? NO

DATES OF REPORTS: NO REPORTS DUE DURING TAXABLE YEAR.

VERIFICATION DATE:

CONT'D ON NEXT PAGE

FORM 990PF, PART VII-B, LINE 5C-EXPENDITURE RESPONSIBILITY STATEMENT

RESULTS OF VERIFICATION:

TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS (S) FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

GRANTEE'S NAME: MRAG AMERICAS INC
GRANTEE'S ADDRESS: 10051 5TH ST. N, STE 105
CITY, STATE & ZIP: ST. PETERSBURG, FL 33702
GRANT DATE: 11/20/2012
GRANT AMOUNT: 273,300.
GRANT PURPOSE: TO SUPPORT EXPLORING LINKAGES BETWEEN CATCH SHARE SYSTEMS AND MSC CERTIFICATION SCORING.

AMOUNT EXPENDED:

ANY DIVERSION? NO

DATES OF REPORTS: NO REPORTS DUE DURING TAXABLE YEAR.

VERIFICATION DATE:

RESULTS OF VERIFICATION:

TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS (S) FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

GRANTEE'S NAME: CLIMATE FOCUS NORTH AMERICA INC
GRANTEE'S ADDRESS: 1025 CONNECTICUT AVE, NW
CITY, STATE & ZIP: WASHINGTON, DC 20036
GRANT DATE: 11/21/2012
GRANT AMOUNT: 244,500.
GRANT PURPOSE: TO DEVELOP SUBNATIONAL PARTNERSHIPS, REDUCE DEFORESTATION, INCREASE LOW CARBON DEVELOPMNT

AMOUNT EXPENDED:

ANY DIVERSION? NO

DATES OF REPORTS: NO REPORTS DUE DURING TAXABLE YEAR.

VERIFICATION DATE:

RESULTS OF VERIFICATION:

TO THE KNOWLEDGE OF THE FOUNDATION, AND BASED ON THE REPORTS (S) FURNISHED BY THE GRANTEE, IF ANY, NO PART OF THE GRANT HAS BEEN USED FOR ANYTHING OTHER THAN ITS INTENDED PURPOSE.

FORM 990PF, PART VIII - LIST OF OFFICERS, DIRECTORS, AND TRUSTEES

ATTACHMENT 18

NAME AND ADDRESS	TITLE AND AVERAGE HOURS PER WEEK DEVOTED TO POSITION	COMPENSATION	CONTRIBUTIONS EXPENSE ACCT TO EMPLOYEE AND OTHER BENEFIT PLANS ALLOWANCES	
			CONTRIBUTIONS TO BENEFIT PLANS	ALLOWANCES
GORDON E MOORE 1661 PAGE MILL ROAD PALO ALTO, CA 94304 CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF PROFESSIONAL LIABILITY INSURANCE OF \$3,816.	BOARD CHAIRMAN 4 .00	0	3,816.	0
STEVEN MOORE 1661 PAGE MILL ROAD PALO ALTO, CA 94304 CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF PROFESSIONAL LIABILITY INSURANCE OF \$3,816.	TRUSTEE 3 .00	0	3,816.	0
KRISTEN MOORE 1661 PAGE MILL ROAD PALO ALTO, CA 94304 CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF PROFESSIONAL LIABILITY INSURANCE OF \$3,816.	TRUSTEE 3 .00	0	3,816.	0
KATHLEEN JUSTICE-MOORE 1661 PAGE MILL ROAD PALO ALTO, CA 94304 CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF PROFESSIONAL LIABILITY INSURANCE OF \$3,816.	TRUSTEE 3 .00	0	3,816.	0

FORM 990PF, PART VIII - LIST OF OFFICERS, DIRECTORS, AND TRUSTEES

ATTACHMENT 18 (CONT'D)

NAME AND ADDRESS	TITLE AND AVERAGE HOURS PER WEEK DEVOTED TO POSITION	COMPENSATION	CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS	
			EXPENSE ACCT AND OTHER ALLOWANCES	TO EMPLOYEE BENEFIT PLANS
BRUCE ALBERTS 1661 PAGE MILL ROAD PALO ALTO, CA 94304 CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF PROFESSIONAL LIABILITY INSURANCE OF \$3,816.	TRUSTEE 3.00	0	3,816.	0
ROSINA BIERBAUM 1661 PAGE MILL ROAD PALO ALTO, CA 94304 CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF PROFESSIONAL LIABILITY INSURANCE OF \$3,816.	TRUSTEE 3.00	0	3,816.	0
JAMES C GAITHER 1661 PAGE MILL ROAD PALO ALTO, CA 94304 CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF PROFESSIONAL LIABILITY INSURANCE OF \$3,816.	TRUSTEE 3.00	0	3,816.	0
PAUL GRAY 1661 PAGE MILL ROAD PALO ALTO, CA 94304 CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF PROFESSIONAL LIABILITY INSURANCE OF \$3,816.	TRUSTEE 3.00	0	3,816.	0

FORM 990PF, PART VIII - LIST OF OFFICERS, DIRECTORS, AND TRUSTEES

ATTACHMENT 18 (CONT'D)

<u>NAME AND ADDRESS</u>	<u>TITLE AND AVERAGE HOURS PER WEEK DEVOTED TO POSITION</u>	<u>COMPENSATION</u>	<u>CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS</u>	<u>EXPENSE ACCT AND OTHER ALLOWANCES</u>
KEN SIEBEL 1661 PAGE MILL ROAD PALO ALTO, CA 94304 CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF PROFESSIONAL LIABILITY INSURANCE OF \$3,816.	TRUSTEE 3.00	0	3,816.	0
EDWARD E PENHOET 1661 PAGE MILL ROAD PALO ALTO, CA 94304 CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF PROFESSIONAL LIABILITY INSURANCE OF \$3,498.	TRUSTEE (RET 8/12) / INV. COMM MEM 3.00	0	3,498.	0
JOHN HENNESSY 1661 PAGE MILL ROAD PALO ALTO, CA 94304 CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF PROFESSIONAL LIABILITY INSURANCE OF \$318.	TRUSTEE (EFFECTIVE 8/12) 3.00	0	318.	0
LEWIS COLEMAN 1661 PAGE MILL ROAD PALO ALTO, CA 94304 CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF PROFESSIONAL LIABILITY INSURANCE OF \$3,816.	INVESTMENT COMMITTEE MEMBER 1.00	0	3,816.	0

FORM 990PF, PART VIII - LIST OF OFFICERS, DIRECTORS, AND TRUSTEES

ATTACHMENT 18 (CONT'D)

<u>NAME AND ADDRESS</u>	<u>TITLE AND AVERAGE HOURS PER WEEK DEVOTED TO POSITION</u>	<u>COMPENSATION</u>	<u>CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS</u>	<u>EXPENSE ACCT AND OTHER ALLOWANCES</u>
ALICE RUTH 1661 PAGE MILL ROAD PALO ALTO, CA 94304 CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF PROFESSIONAL LIABILITY INSURANCE OF \$3,816.	INVESTMENT COMMITTEE MEMBER 1.00	0	3,816.	0
STEVEN J MCCORMICK 1661 PAGE MILL ROAD PALO ALTO, CA 94304 CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF 401 (K) MATCH \$25,000, HEALTHCARE BENEFITS \$45,811, PROFESSIONAL LIABILITY INSURANCE \$3,816, TAXABLE GROUP LIFE INSURANCE \$5,544, AND EMPLOYER PAID PAYROLL TAXES OF \$15,065.	TRUSTEE & PRESIDENT 37.50	690,611.	95,235.	0
KENNETH MOORE 1661 PAGE MILL ROAD PALO ALTO, CA 94304 CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF 401 (K) MATCH \$25,000, HEALTHCARE BENEFITS \$45,037, PROFESSIONAL LIABILITY INSURANCE \$3,816, TAXABLE GROUP LIFE INSURANCE \$2,122, AND EMPLOYER PAID PAYROLL TAXES OF \$9,147.	TRUSTEE & DIR OF EVAL. & TECH. 37.50	285,430.	85,122.	0
WILLIAM GREEN 1661 PAGE MILL ROAD PALO ALTO, CA 94304 CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF 401 (K) MATCH \$17,965, HEALTHCARE BENEFITS \$29,806, PROFESSIONAL LIABILITY INS. \$2,544, TAXABLE GROUP LIFE INS. \$2,047, AND EMPLOYER PAID PAYROLL TAXES OF \$7,671.	GEN. COUNSEL & SEC (RET. 8/12) 37.50	179,647.	60,033.	0

FORM 990PF, PART VIII - LIST OF OFFICERS, DIRECTORS, AND TRUSTEES

ATTACHMENT 18 (CONT'D)

NAME AND ADDRESS	TITLE AND AVERAGE HOURS PER WEEK DEVOTED TO POSITION	COMPENSATION	EXPENSE ACCT CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS AND OTHER ALLOWANCES	
			CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS	0
NANCY KOCH 1661 PAGE MILL ROAD PALO ALTO, CA 94304	GEN. COUNSEL & SEC. (EFF 8/12) 37.50	127,557.	16,931.	0
CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF 401 (K) MATCH \$2,750, HEALTHCARE BENEFITS \$5,434, PROFESSIONAL LIABILITY INSURANCE \$1,272, TAXABLE GROUP LIFE INSURANCE \$561, AND EMPLOYER PAID PAYROLL TAXES OF \$6,914.				
DENISE STRACK 1661 PAGE MILL ROAD PALO ALTO, CA 94304	CHIEF INVESTMENT OFFICER 37.50	1,614,653.	359,634.	0
COMPENSATION INCLUDES \$268,132 OF DEFERRED COMPENSATION THAT WAS REPORTED IN PRIOR YEARS AS A CONTRIBUTION TO EMPLOYEE BENEFIT PLANS THAT VESTED IN 2012 AND REMAINS UNPAID AS WELL AS THE EARNINGS ON UNPAID DEFERRED COMPENSATION. CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF 401 (K) MATCH \$25,000, HEALTHCARE BENEFITS \$45,936, PROFESSIONAL LIABILITY INSURANCE \$3,816, TAXABLE GROUP LIFE INSURANCE \$840, EMPLOYER PAID PAYROLL TAXES OF \$27,919, AND UNVESTED DEFERRED COMPENSATION OVER THE FOLLOWING THREE YEARS AND AN ADJUSTMENT FOR EARNINGS ON UNPAID DEFERRED COMPENSATION OF \$256,123.				
MARY ANN FAKE 1661 PAGE MILL ROAD PALO ALTO, CA 94304	DIRECTOR OF FINANCE 37.50	264,514.	63,686.	0
CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF 401 (K) MATCH \$25,000, HEALTHCARE BENEFITS \$24,225, PROFESSIONAL LIABILITY INSURANCE \$3,816, TAXABLE GROUP LIFE INSURANCE \$1,735, AND EMPLOYER PAID PAYROLL TAXES OF \$8,910.				
GRAND TOTALS		3,162,412.	726,433.	0

990PF, PART VIII - COMPENSATION OF THE FIVE HIGHEST PAID EMPLOYEES

ATTACHMENT 19

<u>NAME AND ADDRESS</u>	<u>TITLE AND AVERAGE HOURS PER WEEK DEVOTED TO POSITION</u>	<u>COMPENSATION</u>	<u>CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS</u>	<u>EXPENSE ACCT AND OTHER ALLOWANCES</u>
FELICIA CHIU 1661 PAGE MILL ROAD PALO ALTO, CA 94304	INVESTMENT DIRECTOR 37.50	797,896.	187,431.	0
	COMPENSATION INCLUDES \$19,544 OF DEFERRED COMPENSATION THAT WAS REPORTED IN PRIOR YEARS AS A CONTRIBUTION TO EMPLOYEE BENEFIT PLANS THAT VESTED IN 2012 AND REMAINS UNPAID. CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF 401 (K) MATCH \$25,000, HEALTHCARE BENEFITS \$26,802, TAXABLE GROUP LIFE INSURANCE \$624, EMPLOYER PAID PAYROLL TAXES OF \$16,583, AND UNVESTED DEFERRED COMPENSATION OVER THE FOLLOWING THREE YEARS AND AN ADJUSTMENT FOR EARNINGS ON UNPAID DEFERRED COMPENSATION OF \$118,422.			
DALE KUNKEL 1661 PAGE MILL ROAD PALO ALTO, CA 94304	INVESTMENT DIRECTOR 37.50	1,030,637.	240,406.	0
	COMPENSATION INCLUDES \$155,637 OF DEFERRED COMPENSATION THAT WAS REPORTED IN PRIOR YEARS AS A CONTRIBUTION TO EMPLOYEE BENEFIT PLANS THAT VESTED IN 2012 AND REMAINS UNPAID AS WELL AS THE EARNINGS ON UNPAID DEFERRED COMPENSATION. CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF 401 (K) MATCH \$25,000, HEALTHCARE BENEFITS \$45,892, TAXABLE GROUP LIFE INSURANCE \$780, EMPLOYER PAID PAYROLL TAXES OF \$19,714, AND UNVESTED DEFERRED COMPENSATION OVER THE FOLLOWING THREE YEARS AND AN ADJUSTMENT FOR EARNINGS ON UNPAID DEFERRED COMPENSATION OF \$149,020.			
NILES K BRYANT 1661 PAGE MILL ROAD	INVESTMENT DIRECTOR	900,182.	188,012.	0

990PF, PART VIII - COMPENSATION OF THE FIVE HIGHEST PAID EMPLOYEES

<u>NAME AND ADDRESS</u>	<u>TITLE AND AVERAGE HOURS PER WEEK DEVOTED TO POSITION</u>	<u>COMPENSATION</u>	<u>CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS</u>	<u>EXPENSE ACCT AND OTHER ALLOWANCES</u>
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PALO ALTO, CA 94304
COMPENSATION INCLUDES \$96,182 OF DEFERRED COMPENSATION THAT
WAS REPORTED IN PRIOR YEARS AS A CONTRIBUTION TO EMPLOYEE BENEFIT PLANS
THAT VESTED IN 2012 AND REMAINS UNPAID. CONTRIBUTIONS TO EMPLOYEE BENEFIT
PLANS CONSIST OF 401 (K) MATCH \$25,000, HEALTHCARE BENEFITS \$16,950,
TAXABLE GROUP LIFE INSURANCE \$702, EMPLOYER PAID PAYROLL TAXES OF
\$18,000, AND UNVESTED DEFERRED COMPENSATION OVER THE FOLLOWING
THREE YEARS AND AN ADJUSTMENT FOR EARNINGS ON UNPAID DEFERRED
COMPENSATION OF \$127,360.

<u>INVESTMENT DIRECTOR</u>	<u>219,480.</u>	<u>869,224.</u>	<u>0</u>	<u>0</u>
PALO ALTO, CA 94304 COMPENSATION INCLUDES \$42,809 OF DEFERRED COMPENSATION THAT WAS REPORTED IN PRIOR YEARS AS A CONTRIBUTION TO EMPLOYEE BENEFIT PLANS THAT VESTED IN 2012 AND REMAINS UNPAID. CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF 401 (K) MATCH \$25,000, HEALTHCARE BENEFITS \$42,409, TAXABLE GROUP LIFE INSURANCE \$624, EMPLOYER PAID PAYROLL TAXES OF \$17,520, AND UNVESTED DEFERRED COMPENSATION OVER THE FOLLOWING THREE YEARS AND AN ADJUSTMENT FOR EARNINGS ON UNPAID DEFERRED COMPENSATION OF \$133,927.				
GUILLELMO CASTILLEJA 1661 PAGE MILL ROAD PALO ALTO, CA 94304 COMPENSATION INCLUDES \$14,793 OF DEFERRED COMPENSATION THAT WAS REPORTED IN PRIOR YEARS AS A CONTRIBUTION TO EMPLOYEE BENEFIT PLANS THAT VESTED IN 2012 AND REMAINS UNPAID. CONTRIBUTIONS TO EMPLOYEE BENEFIT PLANS CONSIST OF 401 (K) MATCH \$25,000, HEALTHCARE BENEFITS \$32,608, TAXABLE GROUP LIFE INSURANCE \$2,941 AND EMPLOYER PAID PAYROLL TAXES OF \$11,589.				
<u>TOTAL COMPENSATION</u>	<u>4,047,205.</u>	<u>907,467.</u>	<u>0</u>	<u>0</u>

990PF, PART VIII- COMPENSATION OF THE FIVE HIGHEST PAID PROFESSIONALS

ATTACHMENT 20

<u>NAME AND ADDRESS</u>	<u>TYPE OF SERVICE</u>	<u>COMPENSATION</u>
GENERATION INVESTMENT MANAGEMENT ONE BRYANT PARK, 48TH FL NEW YORK, NY 10036	INVESTMENT MANAGER	1,085,847.
SILCHESTER INTERNATIONAL INVESTORS 780 THIRD AVE, 42ND FL NEW YORK, NY 10017	INVESTMENT MANAGER	859,603.
EAGLE CAPITAL MANAGEMENT 499 PARK AVENUE, 17TH FL NEW YORK, NY 10022	INVESTMENT MANAGER	777,181.
ALLARD PARTNERS MANAGEMENT 4TH FL, CENTURY YARD, CRICKET SQ, ELGIN AVE GRAND CAYMAN CAYMAN ISLANDS	INVESTMENT MANAGER	747,053.
WORKFORCELOGIC LLC 420 SOUTH ORANGE AVE ORLANDO, FL 32801	TEMPORARY STAFFING	594,025.
	TOTAL COMPENSATION	<u>4,063,709.</u>

RECIPIENT NAME AND ADDRESS AND FOUNDATION STATUS OF RECIPIENT	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
AG INNOVATIONS NETWORK 101 MORRIS ST , STE 212 SEBASTOPOL, CA 95472	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE DEVELOPMENT OF A PLAN TO ACHIEVE SUSTAINABLE MANAGEMENT OF HALF THE WORLD'S OVERFISHED FISHERIES IN 10 YEARS	150,000
ALAMEDA COUNTY MEDICAL CENTER 1411 EAST 31ST STREET OAKLAND, CA 94602	NONE GOVERNMENTAL UNIT	FOR IMPLEMENTATION OF A TRANSITIONAL CARE PROGRAM AT HIGHLAND HOSPITAL AIMED AT REDUCING THE 30-DAY ALL CAUSE READMISSION RATE BY AT LEAST 30% AND THE 90-DAY ALL CAUSE READMISSION RATE BY AT LEAST 15% FOR HIGH RISK PATIENTS COMPARED TO A 2010 BASELINE	590,000.
ALASKA CONSERVATION FOUNDATION 441 WEST 5TH AVENUE SUITE 402 ANCHORAGE, AK 99501-2340	NONE 501 (C) (3) 509 (A) (1)	TO ADVANCE THE CONSERVATION OF WILD SALMON ECOSYSTEMS IN SOUTHEAST ALASKA.	502,500
ALASKA CONSERVATION FOUNDATION 441 WEST 5TH AVENUE SUITE 402 ANCHORAGE, AK 99501-2340	NONE 501 (C) (3) 509 (A) (1)	FOR CONTINUED SUPPORT TO COORDINATE EFFORTS TO CONSERVE SALMON WATERSHEDS OF BRISTOL BAY, ALASKA, AND TO INCREASE THE LOCAL AND REGIONAL UNDERSTANDING OF THE VALUE OF CONSERVATION	130,000.
ALASKA CONSERVATION FOUNDATION 441 WEST 5TH AVENUE SUITE 402 ANCHORAGE, AK 99501-2340	NONE 501 (C) (3) 509 (A) (1)	FOR CONTINUED SUPPORT TO COORDINATE EFFORTS TO CONSERVE SALMON WATERSHEDS OF BRISTOL BAY, ALASKA, AND TO INCREASE THE LOCAL AND REGIONAL UNDERSTANDING OF THE VALUE OF CONSERVATION.	1,199,188
ALASKA SALMON INITIATIVE 323 CAROLYN ST, SUITE 200 KODIAK, AK 99615	NONE EXPEND RESPONSIBILITY	TO TEST THE FEASIBILITY OF A NONPARTISAN EFFORT TO CONVENE ALASKANS TO SUSTAIN WILD SALMON.	1,871,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RECIPIENT NAME AND ADDRESS		RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
ALIANCA DA TERRA RUA 1 N 531, SETOR 5 AGUA BOA MG BRAZIL	NONE EXPEND RESPONSIBILITY	TO SUPPORT LAND STEWARDSHIP ON PRIVATE LAND IN THE BRAZILIAN AMAZON.	147,856.	
AMAZON CONSERVATION ASSOCIATION 1822 R ST NW, 4TH FLOOR WASHINGTON, DC 20009	NONE 501 (C) (3) 509 (A) (1)	TO CONSOLIDATE THE MOSAIC OF SUSTAINABLE LIVELIHOODS AND CONSERVATION LANDS WITHIN THE 266,439 HECTARE MANU-TAMBOPATA CONSERVATION CORRIDOR	500,000	
AMAZON CONSERVATION TEAM 4211 N FAIRFAX DR. ARLINGTON, VA 22203	NONE 501 (C) (3) 509 (A) (1)	TO PROVIDE TECHNICAL SUPPORT TO THE SURINAMESE GOVERNMENT'S ONGOING PROCESS OF LAND USE ZONING AND DEMARCTION, AND TO SUPPORT THE ESTABLISHMENT OF A PARK GUARD FORCE IN AMAPA AND PARA STATES, BRAZIL	196,885	
AMERICAN ASSOC FOR THE ADVANCEMENT OF SCIENCE 1200 NEW YORK AVENUE NW WASHINGTON, DC 20005	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF PLACING PHD-LEVEL SCIENCE AND TECHNOLOGY POLICY FELLOWS IN NEW AND UNDERSUBSCRIBED HOST OFFICES, SUCH AS THE WHITE HOUSE OFFICE OF SCIENCE AND TECHNOLOGY POLICY AND OFFICES RELATED TO THE JUSTICE FUNCTIONS OF THE U.S. GOVERNMENT IN ORDER TO IMPROVE PUBLIC POLICYMAKING THROUGH THE INFUSION OF SCIENCE, AND TO INCREASE PUBLIC UNDERSTANDING OF SCIENCE AND TECHNOLOGY	465,031	
AMERICAN ASSOCIATION OF COLLEGES OF NURSING	NONE	TO INCORPORATE REPRESENTATIVES FROM THE 10-COUNTY SAN FRANCISCO BAY AREA (SFBA) HOSPITALS IN THE QUALITY AND SAFETY EDUCATION FOR NURSING CURRICULUM ENHANCEMENT EFFORTS UNDERWAY WITH THE SFBA SCHOOLS OF NURSING AND TO IMPLEMENT A RIGOROUS EVALUATION OF THESE CURRICULUM	162,131	

RECIPIENT NAME AND ADDRESS		RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
ONE DUPONT CIRCLE, NW, SUITE 530 WASHINGTON, DC 20036	501 (C) (3) 509 (A) (1)	NONE GOVERNMENTAL UNIT	ENHANCEMENT EFFORTS	
ARIZONA BOARD OF REGENTS SPSS, P O BOX 3308 TUCSON, AZ 85722-3308	501 (C) (3) 509 (A) (1)	NONE GOVERNMENTAL UNIT	IN SUPPORT OF DEVELOPING AND APPLYING NOVEL VIRUS ECOLOGY APPROACHES THAT ENABLE DEEPER INVESTIGATIONS OF THE STRUCTURE AND ACTIVITIES OF NATURAL MARINE VIRUS COMMUNITIES AND THE LINKAGES BETWEEN VIRUSES AND THEIR MICROBIAL HOSTS	361,901
ARIZONA BOARD OF REGENTS SPSS, P O. BOX 3308 TUCSON, AZ 85722-3308	501 (C) (3) 509 (A) (1)	NONE GOVERNMENTAL UNIT	IN SUPPORT OF DEVELOPING A COMPUTATIONAL SYSTEM FOR THE DYNAMIC VISUALIZATION AND SPARING OF EPIGENOMIC DATA FROM PLANTS, WHICH WILL STIMULATE INTERNATIONAL DATA SHARING AND RESULT IN NEW KNOWLEDGE ON HOW PLANTS CONTROL THE EXPRESSION OF GENES	163,998
BANK INFORMATION CENTER 1100 H STREET, NW, SUITE 650 WASHINGTON, DC 20005	501 (C) (3) 509 (A) (1)	NONE GOVERNMENTAL UNIT	IN SUPPORT OF STRENGTHENING THE WORLD BANK'S KEY ENVIRONMENTAL SAFEGUARD POLICY.	230,283
BC SPACES FOR NATURE SOCIETY PO BOX 673 VON 1V0 GIBSONS B.C. CANADA	501 (C) (3) 509 (A) (1)	NONE EQUIV US PC	TO REBUILD RECREATIONAL, CULTURAL AND ECONOMIC SECTOR ALLIANCES FOR CONSERVATION IN BRITISH COLUMBIA.	98,410
BIGELOW LABORATORY FOR OCEAN SCIENCES		NONE	TO CHALLENGE THE PARADIGM THAT VIRUSES INFECT ONLY A NARROW RANGE OF HOSTS BY INVESTIGATING HOW VIRUSES THAT INFECT PHYTOPLANKTON MAY ALSO INFECT THE SMALL CRUSTACEANS THAT FEED UPON THEM. IF THIS CONCEPTUAL SHIFT PROVES CORRECT, IT WOULD FUNDAMENTALLY CHANGE SCIENTISTS' UNDERSTANDING OF	751,066.

<u>RECIPIENT NAME AND ADDRESS</u>		<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR</u>	<u>FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
180 MCKOWN POINT ROAD WBOOTHBAY HARBOR, ME 04575-0475	501 (C) (3) 509 (A) (1)			VIRUS-HOST RELATIONSHIPS AND THE INFLUENCE OF VIRUSES ON HOST EVOLUTION	
BRISTOL BAY REGIONAL SEAFOOD DEVELOPMENT ASSOC 14220 HANCOCK DRIVE ANCHORAGE, AK 99515	NONE EXPEND RESPONSIBILITY			TO INCREASE LOCAL AND NATIONAL SUPPORT FOR CONSERVATION OF BRISTOL BAY SALMON HABITAT.	202,938
FIRST NATIONS FISHERIES SOCIETY 202-100 PARK ROYAL SOUTH V7T 1A2 WEST VANCOUVER B.C CANADA	NONE EXPEND RESPONSIBILITY			TO SUPPORT FIRST NATIONS' KNOWLEDGE OF AND COMMON STRATEGY FOR FRESHWATER MANAGEMENT	261,929
BULKLEY VALLEY CENTRE FOR NATURAL RESOURCES 1188 MAIN STREET (ROOM 2 GROUND FLO VOJ 2N0 SMITHERS B.C CANADA	NONE EQUIV US PC			IN SUPPORT OF AN ASSESSMENT OF THE CUMULATIVE EFFECTS OF ALTERNATIVE ECOLOGICAL AND INDUSTRIAL SCENARIOS ON WILD SALMON ECOSYSTEMS IN SKEENA REGION OF BRITISH COLUMBIA.	178,394.
CALIFORNIA ACADEMY OF SCIENCES 55 MUSIC CONCOURSE DRIVE SAN FRANCISCO, CA 94118	501 (C) (3) 509 (A) (1)			FOR THE FURTHER DEVELOPMENT AND IMPLEMENTATION OF EFFECTIVE TEACHER PROFESSIONAL DEVELOPMENT OFFERED THROUGH THE CALIFORNIA ACADEMY OF SCIENCE'S TEACHER INSTITUTE ON SCIENCE AND SUSTAINABILITY TARGETING 3RD - 5TH GRADE ELEMENTARY SCHOOL TEACHERS IN SAN FRANCISCO UNIFIED SCHOOL DISTRICT AND ADJACENT SAN FRANCISCO BAY AREA SCHOOL DISTRICTS.	286,524.
CALIFORNIA ACADEMY OF SCIENCES 55 MUSIC CONCOURSE DRIVE SAN FRANCISCO, CA 94118	NONE 501 (C) (3) 509 (A) (1)			IN SUPPORT OF THE DEVELOPMENT AND IMPLEMENTATION OF A COLLABORATIVE SAN FRANCISCO BAY AREA INFORMAL SCIENCE LEARNING COMMUNITY FOCUSED ON DESIGN, RESEARCH AND EVALUATION OF RICH SCIENCE LEARNING EXPERIENCES.	80,000.

<u>RECIPIENT NAME AND ADDRESS</u>	<u>FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CALIFORNIA ACADEMY OF SCIENCES 55 MUSIC CONCOURSE DRIVE SAN FRANCISCO, CA 94118	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE DESIGN, IMPLEMENTATION AND EVALUATION OF A SCIENTIFIC RESEARCH INTERNSHIP PILOT PROGRAM FOR SAN FRANCISCO BAY AREA TEENAGE YOUTH TO CONDUCT AUTHENTIC RESEARCH AND BE MENTORED BY ACADEMY SCIENTISTS AND THEIR RESEARCH TEAMS	163,000
CALIFORNIA COUNCIL ON SCIENCE AND TECHNOLOGY 1501 LA MART DRIVE, SUITE 105 RIVERSIDE, CA 92507	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE ESTABLISHMENT OF SCIENCE AND TECHNOLOGY POLICY FELLOWS PROGRAM	500,000
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 E CALIFORNIA BLVD. PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	TO ESTABLISH AN OBSERVATORY FOR STRUCTURAL MOLECULAR BIOLOGY. THE NEW OBSERVATORY, CALLED A BEAM LINE, WILL MAKE USE OF THE EXTREMELY BRIGHT X-RAYS PRODUCED BY A NEWLY INSTALLED ADVANCED ELECTRON ACCELERATOR AT STANFORD'S SYNCHROTRON RADIATION LABORATORY. OUTCOMES FOR THIS GRANT INCLUDE CREATION OF A MACROMOLECULAR CRYSTALLOGRAPHY FACILITY FOR STUDYING COMPLICATED BIOLOGICAL SYSTEMS.	30,094
CALIFORNIA INSTITUTE OF TECHNOLOGY	NONE	TO SUPPORT CALTECH'S TECHNOLOGY TECTONICS OBSERVATORY IN THE SECOND PHASE OF DEVELOPING A MULTIDISCIPLINARY FACILITY THAT COMBINES STATE-OF-THE-ART MONITORING NETWORKS AND INNOVATIVE OBSERVATIONS AT KEY TECTONICS BOUNDARIES WITH MODELING OF TECTONIC FORCES OVER A WIDE RANGE OF SPATIAL AND TEMPORAL SCALES. THE GOAL OF THE PROJECT IS TO UNDERSTAND AND EVENTUALLY PREDICT THE EARTH'S BEHAVIOR NEAR THE INTERSECTION OF KEY TECTONIC PLATES AND PROVIDE STRATEGIC INSIGHTS INTO A VARIETY OF DESTRUCTIVE PHENOMENA, SUCH AS EARTHQUAKES, VOLCANIC	900,000

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

RECIPIENT NAME AND ADDRESS AND	FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 E CALIFORNIA BLVD PASADENA, CA 91125	501 (C) (3) 509 (A) (1)	ERUPTIONS, TSUNAMIS, LANDSLIDES, AND OTHER GEOCHEMICAL AND GEOPHYSICAL PROCESSES	
	NONE	FOR ESTABLISHING CALTECH'S CENTER FOR ULTRAFAST SCIENCE AND TECHNOLOGY, FOCUSING ON FUNDAMENTAL STUDIES OF MOLECULAR COMPLEXITY, THE DEVELOPMENT OF THE TECHNOLOGY OF ULTRAFAST IMAGING, AND ITS APPLICATIONS TO REAL SYSTEMS OF PHYSICAL, CHEMICAL, AND BIOLOGICAL FUNCTION. OUTCOMES FOR THIS GRANT INCLUDE CREATION AND MAINTENANCE OF THE ULTRAFAST IMAGING FACILITY	670,104.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 E CALIFORNIA BLVD PASADENA, CA 91125	501 (C) (3) 509 (A) (1)	TO ESTABLISH THE CENTER FOR COSMOCHEMICAL AND GEOCHEMICAL MICRANALYSIS. THE CENTER WILL SUSTAIN A PROGRAM OF THEORETICAL RESEARCH AIMED AT ATTACKING THE PROBLEMS POSED BY DARK MATTER, DARK ENERGY, AND THE EARLY UNIVERSE. OUTCOMES FOR THIS GRANT INCLUDE THE ADDITION OF TWO SENIOR SCIENTISTS (COSMOLOGY THEORISTS), ESTABLISHMENT OF A DISTINGUISHED VISITING SCHOLARS PROGRAM AND POSTDOCTORAL FELLOWSHIPS, AND MAINTENANCE OF THE CENTER.	619,492.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 E CALIFORNIA BLVD. PASADENA, CA 91125	501 (C) (3) 509 (A) (1)	IN SUPPORT OF REVOLUTIONIZING DETECTORS FOR COSMOLOGY	430,000
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 E. CALIFORNIA BLVD. PASADENA, CA 91125	NONE		

ECEM 990PE, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)			
<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 E. CALIFORNIA BLVD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF DEVELOPING THE MOLECULAR BASIS FOR DRIVING THE PHOTO-OXIDATION OF WATER TO ENABLE FUEL PRODUCTION DIRECTLY FROM SUNLIGHT.	817,927
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 E. CALIFORNIA BLVD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	TO ESTABLISH THE INSTITUTE FOR QUANTUM INFORMATION AND MATTER TO UNITE A DIVERSE ON-CAMPUS COMMUNITY OF SCIENTISTS WHO WILL BE ABLE TO EXPAND THEIR LEADING-EDGE RESEARCH ON QUANTUM MATTER, QUANTUM LIGHT, QUANTUM NANO-MECHANICS, AND QUANTUM INFORMATION SCIENCE. THE CENTER WILL BECOME AN INTERNATIONALLY RECOGNIZED ENTITY THAT SUBSTANTIALLY ENHANCES CALTECH'S ABILITY TO RECRUIT THE VERY BEST STUDENTS, POSTDOCS, AND FACULTY IN THIS IMPORTANT FIELD.	999,350
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 E. CALIFORNIA BLVD PASADENA, CA 91125	NONE 501 (C) (3) 509 (A) (1)	TO ESTABLISH A CENTER FOR BIO-INSPIRED ENGINEERING, WITH FACILITIES ON THE MAIN CAMPUS OF CALTECH AND AT THE RECENTLY ESTABLISHED CALTECH FIELD LABORATORY FOR OPTIMIZED WIND ENERGY IN NORTHERN LOS ANGELES COUNTY. THE CENTER WILL CARRY OUT RESEARCH, DEVELOPMENT, AND FIELD TESTING OF NOVEL WIND ENERGY TECHNOLOGIES INSPIRED BY ENGINEERING SOLUTIONS FOUND IN NATURE.	1,178,270
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 E. CALIFORNIA BLVD PASADENA, CA 91125	NONE	TO SUPPORT NEW EXPERIMENTS DESIGNED TO UNDERSTAND THE CAUSAL LINK BETWEEN GENE FUNCTIONS, THE BRAIN, AND BEHAVIOR FUNDING WILL BE USED TO DEVELOP	997,000.

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

RECIPIENT NAME AND ADDRESS AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
1200 E. CALIFORNIA BLVD PASADENA, CA 91125	AUTOMATED METHODS FOR MEASURING BEHAVIORS IN ROENTS AND TO INTEGRATE THESE NEW METHODS WITH ELECTROPHYSIOLOGICAL RECORDING, FUNCTIONAL IMAGING, AND GENETICALLY BASED MANIPULATIONS OF NEURONAL ACTIVITY	249,670
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 E. CALIFORNIA BLVD. PASADENA, CA 91125	TO DEVELOP NEW TECHNIQUES TO CHARACTERIZE IMAGES TAKEN FROM SPACE TO MONITOR LONG TERM CHANGES IN THE EARTH'S SURFACE AT FINE SPATIAL AND TEMPORAL SCALES. FUNDING WILL SUPPORT A CORE TEAM TO DEVELOP THE TECHNIQUE, ANALYZE LARGE IMAGE DATASETS ACQUIRED BY A SUITE OF INSTRUMENTS OVER MULTIPLE DECADES, AND APPLY THEM TO TWO CASE STUDIES TO DETECT VERY SMALL CHANGES IN THE EARTH'S SURFACE DUE TO SEISMIC-VOLCANIC AND LANDSLIDE PROCESSES	
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 E. CALIFORNIA BLVD. PASADENA, CA 91125	FOR THE DEVELOPMENT OF THE PROGRAMMABLE MOLECULAR TECHNOLOGY INITIATIVE TO ESTABLISH A CENTER WITH CAPABILITIES FOR PROGRAMMING MOLECULAR FUNCTION. THE INITIATIVE WILL INITIALLY EXPLOIT THESE CAPABILITIES TO PIONEER HIGH-IMPACT TECHNOLOGIES	3,000,000
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 E. CALIFORNIA BLVD. PASADENA, CA 91125	TO SUPPORT SIX RESEARCH GROUPS WITHIN THE CHEMISTRY OF CELLULAR SIGNALING CENTER TO REVEAL, ON A CHEMICAL SCALE, THE INTERACTIONS THAT CONTROL COMPLEX SIGNALING PATHWAYS IN CELLS. THESE PATHWAYS GOVERN THE STRUCTURE AND FUNCTION OF EVERY LIVING CELL AND ARE	948,078.

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 E. CALIFORNIA BLVD PASADENA, CA 91125	501(C)(3) 509(A)(1) NONE 501(C)(3) 509(A)(1)	AT THE FOREFRONT OF RESEARCH AT THE CHEMISTRY-BIOLOGY-PHYSICS INTERFACE TO PROVIDE SUPPORT TOWARDS STATE-OF-THE-ART RENOVATION OF LABORATORY FACILITIES WHICH WILL HOUSE RESEARCHERS PARTICIPATING IN LEADING EDGE RENEWABLE AND SCALABLE ENERGY PROJECTS.	400,000.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 E. CALIFORNIA BLVD PASADENA, CA 91125	NONE 501(C)(3) 509(A)(1)	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH LED BY ELLIOT MEYEROWITZ	333,333.
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 E. CALIFORNIA BLVD PASADENA, CA 91125	NONE 501(C)(3) 509(A)(1)	TO SUPPORT PROGRESS TOWARDS COMPLETION OF THE EARLY CONSTRUCTION PHASE OF THE THIRTY METER TELESCOPE. THE THIRTY METER TELESCOPE, TO BE BUILT ON MAUNA KEA, WILL BE THE FIRST OF THE NEXT-GENERATION GIANT OPTICAL/INFRARED GROUND-BASED TELESCOPES CAPABLE OF PEERING INTO THE BEGINNING OF THE UNIVERSE.	7,500,000
CANADIAN PARKS AND WILDERNESS SOCIETY, BC CHAPTER 410 - 698 SEYMOUR ST. V6B 3K6 VANCOUVER BC CANADA	NONE EQUIV US PC	IN SUPPORT OF DEVELOPING TECHNICAL ANALYSES FOR MARINE SPATIAL PLANNING AND THE PACIFIC NORTH COAST INTEGRATED MANAGEMENT AREA INITIATIVE.	168,724
CANADIAN PARKS AND WILDERNESS SOCIETY, BC CHAPTER 410 - 698 SEYMOUR ST. V6B 3K6 VANCOUVER BC CANADA	NONE EQUIV US PC	TECHNICAL SUPPORT FOR MARINE SPATIAL PLANNING AND IMPLEMENTATION	344,774

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

PURPOSE OF GRANT OR CONTRIBUTION

AMOUNT

CAPE COD COMMERCIAL HOOK FISHERMENS ASSOC
1566 MAIN ST.

CHATHAM, MA 02633

RECIPIENT NAME AND ADDRESS

TO SUPPORT IMPLEMENTATION OF SECTORS

FOR GROUNDFISH, INCLUDING MONITORING,

IMPROVED USE OF SCIENCE IN MANAGEMENT,

AND REGULATIONS AND DESIGN ELEMENTS

THAT ADDRESS SUSTAINABLE FISHING

COMMUNITIES; TO PROTECT CRITICAL

FEDERAL CONSERVATION STANDARDS, AND TO

SUPPORT INDUSTRY ENGAGEMENT IN MARINE

SPATIAL PLANNING

CARNEGIE INSTITUTION OF WASHINGTON
1530 P STREET, NW
WASHINGTON, DC 20005-1910

NONE

501 (C) (3) 509 (A) (1)

TO ENSURE INTENSIVE SCIENTIFIC SUPPORT TO ADVANCE

THE PERUVIAN AND COLOMBIAN GOVERNMENT'S NATIONAL

FOREST MONITORING SYSTEMS, AND TO EXPAND CLASLITE

(CARNEGIE LANDSAT ANALYSIS SYSTEM) TRAINING AND

DISSEMINATION FOR CONSERVATION PLANNING IN THE

CARY INSTITUTE OF ECOSYSTEM STUDIES INC.
2801 SHARON TURNPIKE (ROUTE 44)

MILLBROOK, NY 12545

CARY INSTITUTE OF ECOSYSTEM STUDIES INC.

2801 SHARON TURNPIKE (ROUTE 44)

MILLBROOK, NY 12545

NONE

501 (C) (3) 509 (A) (1)

TO DEVELOP A TRANSDISCIPLINARY

FRAMEWORK AND RESEARCH AGENDA TO STUDY

COASTAL FOG AS A SYSTEM. THE DOCUMENT,

DEVELOPED THROUGH A CONVENING OF A

BROADLY DISCIPLINARY GROUP OF

SCIENTISTS, WILL IDENTIFY GAPS IN

KNOWLEDGE OF THE PROCESSES RELATED TO

THE FORMATION, TRANSPORT, AND

DEPOSITION OF FOG AS WELL AS THE IMPACT

OF FOG IN A RANGE OF NATURAL AND HUMAN

SYSTEMS

CENTER FOR AMERICAN PROGRESS
1333 H STREET NW, 10TH FLOOR

NONE

172,149.

IN SUPPORT OF THE OCEAN POLICY PROJECT, WHICH
ADVANCES MODERN, SCIENCE-BASED OCEAN POLICIES

FORM 990EF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
WASHINGTON, DC 20005 CENTER FOR INTERNATIONAL ENVIRONMENTAL LAW, INC 1350 CONNECTICUT AVENUE WASHINGTON, DC 20036	501 (C) (3) 509 (A) (1) NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT A NEW FORUM FOR SUSTAINABLE DEVELOPMENT FOR THE DEPARTMENT OF LORETO, PERU, A PARTICIPATORY CLEARINGHOUSE FOR BASELINE DATA ON SOCIAL AND ENVIRONMENTAL IMPACTS OF ECONOMIC DEVELOPMENT PROJECTS, AND A VENUE FOR INCREASING CAPACITY OF REGIONAL GOVERNMENT AGENCIES, CIVIL SOCIETY ORGANIZATIONS, AND LOCAL COMMUNITIES.	500,000
WASHINGTON, DC 20005 CENTER FOR NEW AMERICAN SECURITY 1301 PENNSYLVANIA AVENUE WASHINGTON, DC 20004	501 (C) (3) 509 (A) (1) NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF OCEAN POLICY DIALOGUES WITH THE NATIONAL SECURITY COMMUNITY	75,000
WASHINGTON, DC 20005 CENTER FOR QUALITY SYSTEMS IMPROVEMENT 1688 ORVIETTO DRIVE ROSEVILLE, CA 95661-3981	501 (C) (3) 509 (A) (1) NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT TWO TARGETED CLINICAL IMPACT INTEREST GROUPS, QUALITY IMPROVEMENT EDUCATION, AND ON-SITE SUPPORT TO HOSPITALS WORKING ON IMPROVING PATIENT OUTCOMES. THE GRANT OUTCOMES ARE THE ACHIEVEMENT OF EVIDENCE-BASED PATIENT SAFETY AND QUALITY IMPROVEMENT TARGETS BY HOSPITALS PARTICIPATING IN THE TWO CLINICAL IMPACT INTEREST GROUPS, AS WELL AS THE ENHANCEMENT OF CLINICAL IMPROVEMENT LEADERSHIP SKILLS FOR AT LEAST 350 HEALTHCARE PROVIDERS.	349,000
WASHINGTON, DC 20005 CENTER FOR QUALITY SYSTEMS IMPROVEMENT	NONE	IN SUPPORT OF CREATING A READMISSIONS LEARNING COMMUNITY IN WHICH HOSPITALS AND THEIR OUTPATIENT PROVIDER PARTNERS CONFIRM AND SHARE EVIDENCE-BASED PRACTICES SHOWN TO REDUCE HOSPITAL READMISSIONS THE OUTPUTS OF THE GRANT	168,000.

ATTACHMENT 21 (CONT'D)

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
1688 ORVIETTO DRIVE ROSEVILLE, CA 95661-3981	501(C) (3) 509 (A) (1)	INCLUDE PARTICIPATION BY AT LEAST 50% OF THE 5-COUNTY SAN FRANCISCO BAY AREA HOSPITALS, AND THE COLLABORATIVE DEVELOPMENT OF DETAILED PLANS TO IMPLEMENT EVIDENCE-BASED PRACTICES, EACH DESIGNED TO REDUCE 30- AND 90-DAY HOSPITAL READMISSION RATES BY AT LEAST 30% BY DECEMBER 31, 2013	500,000
CENTER FOR QUALITY SYSTEMS IMPROVEMENT 1688 ORVIETTO DRIVE ROSEVILLE, CA 95661-3981	NONE 501(C) (3) 509 (A) (1)	IN SUPPORT OF THE DEVELOPMENT OF A COST-EFFECTIVE, REPPLICABLE MODEL FOR SCALING UP THE TECHBRIDGE PROGRAM, WHICH PROVIDES HANDS-ON ACTIVITIES, ROLE MODELS AND WORKSITE VISITS, FAMILY OUTREACH, AND TEACHER TRAINING TO SERVE GIRLS ACROSS THE SAN FRANCISCO BAY AREA	435,000
CENTRO DE CONSERVACION, INVESTIGACION Y MANEJO DE CALLE JOSE GABRIEL LIMA PERU	NONE EQUIV US PC	THIS ONE-YEAR EXTENSION GRANT WILL ALLOW CIMA TO IMPLEMENT CRITICAL MANAGEMENT ACTIONS TO MAINTAIN ZERO DEFORESTATION INSIDE CORDILLERA AZUL NATIONAL PARK AND STABILIZE LAND USE IN THE PARK'S BUFFER ZONE, WHILE COMPLETING ITS STRATEGY AND IMPLEMENTING AN INNOVATIVE REDUCED EMISSION FROM DEFORESTATION AND FOREST DEGRADATION PILOT PROJECT TO SECURE FINANCIAL SUSTAINABILITY.	180,000
CHABOT SPACE & SCIENCE CENTER FOUNDATION 10000 SKYLINE BLVD OAKLAND, CA 94619	NONE 501(C) (3) 509 (A) (3)-II	TO SUPPORT DESIGN, DEVELOPMENT, FABRICATION, AND EVALUATION OF ENHANCEMENTS TO THE BILL NYE'S CLIMATE LAB EXHIBITION AND WEBSITE	

FORM 990BE, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CHABOT SPACE & SCIENCE CENTER FOUNDATION 10000 SKYLINE BLVD OAKLAND, CA 94619	NONE 501 (C) (3) 509 (A) (3)-II	IN SUPPORT OF SCIENCE PROFESSIONAL DEVELOPMENT FOR SAN FRANCISCO BAY AREA ELEMENTARY SCHOOL TEACHERS THAT FOCUSES ON THE FUNDAMENTAL SCIENTIFIC CONCEPTS RELATED TO ENERGY AND CLIMATE CHANGE AND RELATED PEDAGOGICAL ACTIVITIES THAT ACTIVELY ENGAGE CHILDREN IN SCIENCE LEARNING.	446,000
CLARK UNIVERSITY 950 MAIN STREET WORCESTER, MA 01610	NONE 501 (C) (3) 509 (A) (1)	TO ENABLE THE ANALYTICAL CAPACITY FOR INTEGRATED LAND MANAGEMENT INCORPORATING ECOSYSTEM SERVICES, LAND CHANGE SCENARIOS, BIODIVERSITY AND OPTIMAL LAND ALLOCATION PLANNING DEVELOPED IN A COMMERCIAL-GRADE GEOGRAPHIC INFORMATION AND DECISION SUPPORT SOFTWARE.	796,228.
CLIMATE ADVISERS 1320 19TH STREET, NW WASHINGTON, DC 20036	NONE EXPEND RESPONSIBILITY	TO SUPPORT STAKEHOLDERS TO ENGAGE WITH THE US GOVERNMENT AND CONSUMER GOODS FORUM	185,850
CLIMATE FOCUS NORTH AMERICA, INC 1025 CONNECTICUT AVE, NW SUITE 1102 WASHINGTON, DC 20036	NONE EXPEND RESPONSIBILITY	TO DEVELOP SUBNATIONAL PARTNERSHIPS, REDUCE DEFORESTATION, INCREASE LOW CARBON DEVELOPMENT	180,500
CLIMATENWORKS FOUNDATION 235 MONTGOMERY STREETSUITE 1300 SAN FRANCISCO, CA 94104	NONE 501 (C) (3) 509 (A) (1)	TO INCREASE THE EFFECTIVENESS OF THE CLIMATE AND LAND USE ALLIANCE, A MULTI-FUNDER COLLABORATIVE, THROUGH A ROBUST MONITORING AND EVALUATION PROCESS	150,000.
COASTAL QUEST	NONE	TO IMPROVE UNDERSTANDING OF THE ECOSYSTEM SERVICES (ES) CONCEPT AND ITS APPLICATION TO CONSERVATION PRACTICE, POLICY, AND DECISION-MAKING THE	20,948.

FORM 990EE, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
283 4TH STREET, SUITE 202 OAKLAND, CA 94607	501 (C) (3) 509 (A) (1)	PROGRAM OF WORK WILL IDENTIFY NEEDS AND OPPORTUNITIES TO CATALYZE BROADER ACCEPTANCE AND MAINSTREAMING OF ES INTO POLICY AND ACTION, INCLUDING PERSPECTIVES ON THE ES DISCIPLINE THROUGH A GOVERNANCE, TECHNICAL CAPACITY, AND POLICY LENS.	184,225
COASTAL STATES STEWARDSHIP FOUNDATION 44 NORTH CAPITOL STREET, NW, SUITE 322 WASHINGTON, DC 20001	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT REGIONAL PLANNING FOR HABITAT PROTECTION AND SUSTAINABLE USE.	
COLD SPRING HARBOR LABORATORY 1 BINGTOWN ROAD COLD SPRING HARBOR, NY 11724	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF ROBERT MARTENSSEN.	333,333
COMMUNITY INITIATIVES 354 PINE STREET, SUITE 700 SAN FRANCISCO, CA 94104	NONE 501 (C) (3) 509 (A) (1)	TO STRENGTHEN INFORMAL SCIENCE EDUCATIONAL PROGRAMMING OFFERED TO THE PUBLIC AT COMMUNITY SCIENCE WORKSHOP SITES IN THE SAN FRANCISCO BAY AREA, BY CONTRIBUTING TO IMPROVED PROGRAMMING AND EXPANSION	186,586
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DR #500 ARLINGTON, VA 22202	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF MATCHING FUNDS FOR APPROVED TRANSACTIONS UNDER THE GCF.	7,500,000
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DR #500 ARLINGTON, VA 22202	NONE 501 (C) (3) 509 (A) (1)	TO DEMONSTRATE AND AMPLIFY GREEN ECONOMY MODELS THAT INCORPORATE THE VALUE OF ECOSYSTEM SERVICES INTO ECONOMIC DEVELOPMENT DECISIONS AND INCREASE UNDERSTANDING THAT THE CONSERVATION OF NATURE IS ESSENTIAL FOR ECONOMIC GROWTH AND THE LONG-TERM WELL-BEING OF HUMANITY	6,000,000

ATTACHMENT 21 (CONT'D)

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

RECIPIENT NAME AND ADDRESS

CONSERVATION INTERNATIONAL FOUNDATION
2011 CRYSTAL DR #500
ARLINGTON, VA 22202

FOUNDATION STATUS OF RECIPIENT

NONE

501 (C) (3) 509 (A) (1)

PURPOSE OF GRANT OR CONTRIBUTION

AMOUNT

TO DEVELOP A TECHNICALLY SOUND, BROADLY ACCEPTABLE APPROACH TO ESTIMATING EXPLOITATION RATES FOR FISHERIES IN EACH COUNTRY AROUND THE WORLD, AS WELL AS AN APPROACH TO ESTIMATING MAXIMUM FISHERIES PRODUCTION FOR EACH OCEAN AREA, WHICH CAN SERVE AS THE GLOBAL STANDARD FOR THE FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS AND OTHER GROUPS.

IN SUPPORT OF THE TROPICAL ECOLOGY, ASSESSMENT AND MONITORING NETWORK (TEAM)'S CORE AND PARTNER INSTITUTIONS TO COLLECT AND INCORPORATE DATA INTO MODELING EFFORTS AND TRANSLATE THEM INTO POLICY AND CONSERVATION INTERVENTIONS

TO SUPPORT THE IMPLEMENTATION OF APPROACHES THAT INCORPORATE NATURAL CAPITAL INTO POLICY AND DECISION MAKING AT VARIOUS SCALES AND ADDRESS LINKAGES BETWEEN ECOSYSTEMS AND THE ECONOMY

TO SUPPORT STAKEHOLDER ENGAGEMENT IN REGIONAL MARINE SPATIAL PLANNING (MSP) IN NEW ENGLAND AND THE DEVELOPMENT OF A COMPREHENSIVE, ECOSYSTEM-BASED REGIONAL PLAN, WHILE ALSO ENSURING EFFECTIVE IMPLEMENTATION, STRENGTHENING, AND INTEGRATION OF STATE PLANS

198,323.

1,479,879

1,500,000

324,556.

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

RECIPIENT NAME AND ADDRESS

CONSERVATION INTERNATIONAL FOUNDATION
2011 CRYSTAL DR #500
ARLINGTON, VA 22202

FOUNDATION STATUS OF RECIPIENT

NONE

501 (C) (3) 509 (A) (1)

PURPOSE OF GRANT OR CONTRIBUTION

AMOUNT

TO SUPPORT STAKEHOLDER ENGAGEMENT IN REGIONAL MARINE SPATIAL PLANNING (MSP) IN NEW ENGLAND AND THE DEVELOPMENT OF A COMPREHENSIVE, ECOSYSTEM-BASED REGIONAL PLAN, WHILE ALSO ENSURING EFFECTIVE IMPLEMENTATION, STRENGTHENING, AND INTEGRATION OF STATE PLANS

1164JL 2789

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RECIPIENT NAME AND ADDRESS AND FOUNDATION STATUS OF RECIPIENT		PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
CONSERVATION STRATEGY FUND 1160 G STREET ARCATA, CA 95521	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE REFINEMENT OF CONSERVATION ECONOMICS TOOLS, THE TRAINING OF POLICY-FORMULATORS REGARDING THEIR USE, AND THEIR SUBSEQUENT DEPLOYMENT IN THE ANALYSIS OF MAJOR INFRASTRUCTURE PROJECTS IN THE AMAZON HEADWATERS REGION IN AN EFFORT TO PROMOTE AN EFFECTIVE CONSERVATION AGENDA FOR THE REGION	400,000.
CONSULTATIVE GROUP ON BIOLOGICAL DIVERSITY PRESIDIO BUILDING 1016 PO BOX 29361 SAN FRANCISCO, CA 94129-0361	NONE 501 (C) (3) 509 (A) (1)	TO CONTRIBUTE TO THE CONSERVATION AND RESTORATION OF BIODIVERSITY BY ENHANCING EFFECTIVE COLLABORATION AMONG ENVIRONMENTAL FOUNDATIONS	65,000
CORAL REEF ALLIANCE 351 CALIFORNIA STREET, SUITE 650 SAN FRANCISCO, CA 94104	NONE 501 (C) (3) 509 (A) (1)	TO FILL A CRITICAL GAP IN CORAL REEF SCIENCE AND ITS APPLICATION TO MANAGEMENT AND CONSERVATION THROUGH: DEVELOPMENT OF A NOVEL CORAL REEF ECOSYSTEM MODEL, TESTING THE MODEL USING NEW SCIENTIFIC INFORMATION GENERATED THROUGH FIELD RESEARCH AND MONITORING PRIMARILY AT PALMYRA ATOLL; AND DEVELOPMENT OF EMPIRICALLY BASED MANAGEMENT AND CONSERVATION DECISION RULES REGARDING CORAL REEF RESILIENCE.	2,476,843
DALLAS COUNTY HOSPITAL DISTRICT 5201 HARRY HINES BLVD DALLAS, TX 75235	NONE 501 (C) (3) 509 (A) (1)	FOR THE DEVELOPMENT AND IMPLEMENTATION OF A GENERALIZABLE, EXPORTABLE, AUTOMATED SOFTWARE SYSTEM TO IDENTIFY AND FLAG HEART FAILURE PATIENTS AT HIGH RISK OF HOSPITAL READMISSION.	652,000.

ATTACHMENT 21 (CONT'D.)

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

RECIPIENT NAME AND ADDRESS	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
DAVID SUZUKI FOUNDATION 2211 WEST 4TH V6K 4S2 VANCOUVER BC CANADA	TO INCREASE THE REGIONAL MARKET INCENTIVES FOR INDUSTRY LEADERS AND GOVERNMENTS TO IMPROVE FISHERIES MANAGEMENT PRACTICES IN BRITISH COLUMBIA.	198,740
DAVID SUZUKI FOUNDATION 2211 WEST 4TH V6K 4S2 VANCOUVER BC CANADA	TO DEVELOP TECHNICAL ANALYSES IN SUPPORT OF MARINE SPATIAL PLANNING AND THE PACIFIC NORTH COAST INTEGRATED MANAGEMENT AREA (ENCIMA) INITIATIVE.	149,900
DIGNITY HEALTH 450 STANTAN STREET SAN FRANCISCO, CA 94117	TO INVOLVE ST. MARYS HOSPITAL WITH THE INSTITUTE FOR HEALTHCARE IMPROVEMENT, TRANSFORMING CARE AT THE BEDSIDE PROGRAM TO OPTIMIZE THE DISCHARGE PLANNING PROCESS FOR FRAGILE ELDERS WITH CONGESTIVE HEART FAILURE.	83,218.
DIGNITY HEALTH 185 BERRY STREET SAN FRANCISCO, CA 94107	TO SUPPORT IMPROVED NURSING-RELATED PATIENT OUTCOMES ACROSS NINE HOSPITALS IN THE SAN FRANCISCO BAY AREA AND GREATER SACRAMENTO REGIONS. LEADING TO IMPROVED GLYCEMIC CONTROL AND SAFETY, A REDUCTION IN THE INCIDENCE OF PREVENTABLE HOSPITAL-ACQUIRED VENOUS THROMBOEMBOLISM, AND A REDUCTION IN MORTALITY AMONG SURGICAL INPATIENTS WITH SERIOUS TREATABLE COMPLICATIONS THROUGH THE IMPLEMENTATION OF EVIDENCE-BASED PRACTICES ALL OUTCOMES WILL BE ACHIEVED BY THE END OF 2013 AND ARE TO BE SUSTAINED THROUGH 2017	1,300,000.

FORM 9000E, PART XI - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RECIPIENT NAME AND ADDRESS		RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
DUKE UNIVERSITY 125 SCIENCE DRIVE DURHAM, NC 27708	NONE 501 (C) (3) 509 (A) (1)		TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF XINNIAN DONG	333,333.
DUKE UNIVERSITY 125 SCIENCE DRIVE DURHAM, NC 27708	NONE 501 (C) (3) 509 (A) (1)		TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH LED BY PHILLIP BENNEY.	333,333
DUKE UNIVERSITY 2200 W. MAIN STREET SUITE 710 DURHAM, NC 27705	NONE 501 (C) (3) 509 (A) (1)		TO SUPPORT THE DEVELOPMENT OF A ROBUST ECOSYSTEM SERVICES ASSESSMENT AND EVALUATION FRAMEWORK WITHIN US FEDERAL AGENCY PLANNING AND MANAGEMENT PROCESSES TO IMPROVE NATURAL RESOURCE DECISION MAKING AND OPTIMIZE SOCIAL, ENVIRONMENTAL AND ECONOMIC OUTCOMES.	486,010.
EARTH ECONOMICS 1121 TACOMA AVE SOUTH TACOMA, WA 98402	NONE 501 (C) (3) 509 (A) (1)		TO IMPROVE ECOSYSTEM SERVICE VALUATION IN ORDER TO INFORM DECISIONMAKING, CORRECT ECONOMIC INCENTIVES AND IMPROVE PUBLIC AND PRIVATE INVESTMENT AMONG CONSERVATION ORGANIZATIONS, FEDERAL AGENCIES AND MUNICIPALITIES.	261,705
EARTH ECONOMICS 1121 TACOMA AVE SOUTH TACOMA, WA 98402	NONE 501 (C) (3) 509 (A) (1)		IN SUPPORT OF AN ECONOMIC ANALYSIS OF GREEN INFRASTRUCTURE AND ECOSYSTEM SERVICES PROVIDED WITHIN THE MATANUSA-KA-SUSITNA BASIN.	107,792
EAST BAY REGIONAL PARK DISTRICT 2950 PERALTA OAKS COURT OAKLAND, CA 94605	NONE GOVERNMENTAL UNIT		IN SUPPORT OF THE ACQUISITION OF THE 1,367.8N ACRE ROBERTSON PROPERTY, A KEY STEP IN PRESERVING A LARGER HABITAT ASSEMBLAGE COVERING PLEASANTON AND SUNOL RIDGES AND THEIR WATERSHEDS IN ALAMEDA COUNTY.	1,000,000

ATTACHMENT 21 (CONT'D)

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
ECOAGRICULTURE INTERNATIONAL INC. 730 11TH ST NW, SUITE 301 WASHINGTON, DC 20001	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE LANDSCAPES FOR PEOPLE, FOOD AND NATURE INITIATIVE TO ADDRESS KEY CHALLENGES INCLUDING FOOD AND NUTRITION, RURAL POVERTY, ECOSYSTEM DEGRADATION, SPECIES LOSS, AND CLIMATE CHANGE VIA AN INTEGRATED LANDSCAPE APPROACH	100,000.
ECOTRUST 721 NW NINTH AVENUE SUITE 200 PORTLAND, OR 97209	NONE 501 (C) (3) 509 (A) (1)	TO ENSURE THE SUSTAINABILITY OF RENEWABLE NATURAL RESOURCES IN THE COPPER RIVER WATERSHED OF ALASKA. FUNDING WILL BE USED TO ADVANCE THE SCIENTIFIC UNDERSTANDING OF SALMON ECOLOGY AND TO ENCOURAGE THE ADOPTION OF MANAGEMENT PRACTICES THAT PROMOTE LONG-TERM SUSTAINABILITY OF THE WATERSHED'S WILD SALMON POPULATIONS	470,711
ECOTRUST 721 NW NINTH AVENUE SUITE 200 PORTLAND, OR 97209	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT OF COMPILED SPATIAL DATA ON COASTAL NATURAL RESOURCES AND USES. DEPENDENCE ON SKENA WILD SALMON	71,186.
ECOTRUST CANADA STE 200 1238 HOMER ST V6B 2Y5 VANCOUVER BC CANADA	NONE EQUIV US PC	THIS WILL SUPPORT THE DEVELOPMENT OF A DIVERSIFIED AND INTEGRATED REGIONAL FISHERY MODEL TO REDUCE DEPENDENCE ON SKENA WILD SALMON	216,796.
EL CAMINO HOSPITAL FOUNDATION	NONE	IN SUPPORT OF THE IMPLEMENTATION OF A TRANSITIONAL CARE PROGRAM FOR PATIENTS AT HIGH RISK OF HOSPITAL READMISSION THE GOAL OF THE PROGRAM IS TO ACHIEVE AND SUSTAIN A 30% REDUCTION IN THE 30-DAY AND A 15% REDUCTION IN THE	300,000.

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
2500 GRANT ROAD MOUNTAIN VIEW, CA 94040	501 (C) (3) 509 (A) (1)	90-DAY ALL-CAUSE READMISSION RATES FOR THESE HIGH RISK PATIENTS	
ENVIRONMENTAL DEFENSE FUND, INCORPORATED 257 PARK AVENUE SOUTH NEW YORK, NY 10010	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF REDUCED DEFORESTATION AND FOREST DEGRADATION THROUGH PROTECTED AREA AND WATERSHED MANAGEMENT IN THE HIGHLY THREATENED XINGU RIVER BASIN, BRAZIL	800,000
ENVIRONMENTAL DEFENSE FUND, INCORPORATED 257 PARK AVENUE SOUTH NEW YORK, NY 10010	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF CREATING A DURABLE AND EFFICIENT PACIFIC GROUNDFISH TRAWL CATCH SHARE PROGRAM. FUNDING WILL BE USED TO REFINE AND IMPROVE FISHING REGULATIONS TO INCREASE FLEXIBILITY AND REDUCE COSTS, AND TO WORK WITH FISHERMEN DIRECTLY TO IMPROVE THEIR PERFORMANCE UNDER THE CATCH SHARE PROGRAM	889,226.
ENVIRONMENTAL DEFENSE FUND, INCORPORATED 257 PARK AVENUE SOUTH NEW YORK, NY 10010	NONE	IN SUPPORT OF IMPLEMENTATION OF GOOD CATCH SHARES IN NEW ENGLAND AS AN EFFECTIVE FISHERY MANAGEMENT TOOL TO RESTORE FISHERIES, AND, MARINE ECOSYSTEMS AND CREATE A SUSTAINABLE FISHING INDUSTRY. THE PROJECT WILL INCLUDE REFINING AND STRENGTHENING THE GROUNDFISH SECTOR-BASED CATCH SHARE PROGRAM TO ADDRESS RESOURCE CONSERVATION AND SOCIOECONOMIC GOALS, IMPLEMENTING GOOD CATCH SHARES FOR MONKFISH THROUGH AN EXEMPLARY AND INCLUSIVE DESIGN PROCESS, GAINING THE SUPPORT OF KEY REGIONAL CONSTITUENCIES, AND ENSURING THE LEADERSHIP, TECHNICAL EXPERTISE, RESOURCES, AND SCIENTIFIC FOUNDATION NEEDED FOR DURABILITY ARE	700,000

<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
501 (C) (3) 509 (A) (1)	HELD BY LOCAL INSTITUTIONS AND STAKEHOLDERS	
ENVIRONMENTAL DEFENSE FUND, INCORPORATED 257 PARK AVENUE SOUTH NEW YORK, NY 10010	TO SUPPORT THE DISSEMINATION AND ADOPTION OF WELL-DESIGNED CATCH SHARE POLICIES AND PROGRAMS IN THE UNITED STATES TO RESTORE FISHERIES AND MARINE ECOSYSTEMS AND CREATE A SUSTAINABLE FISHING INDUSTRY, INCLUDING THE INSTITUTIONALIZATION OF TOOLS SUCH AS A CATCH SHARES DESIGN DATABASE.	1,799,976
ENVIRONMENTAL DEFENSE FUND, INCORPORATED 257 PARK AVENUE SOUTH NEW YORK, NY 10010	TO SUPPORT THE FISHERIES LEADERSHIP AND SUSTAINABILITY FORUM AND THEIR ONGOING EDUCATIONAL PROGRAMS AND PROFESSIONAL TRAINING FOR FISHERIES MANAGERS	210,000.
ENVIRONMENTAL GRANTMAKERS ASSOCIATION 475 RIVERSIDE DRIVE, SUITE 960 NEW YORK, NY 10115	TO PROMOTE EFFECTIVE ENVIRONMENTAL PHILANTHROPY BY SHARING KNOWLEDGE, FOSTERING DEBATE, CULTIVATING LEADERSHIP, FACILITATING COLLABORATION, AND CATALYZING ACTION. THE ENVIRONMENTAL GRANTMAKERS ASSOCIATION WILL USE THIS FUNDING TO HELP ITS CONSTITUENTS BECOME MORE EFFECTIVE GRANTMAKERS THROUGH INFORMATION SHARING, COLLABORATION, AND NETWORKING	73,565
EQUIPE DE CONSERVACAO DA AMAZONIA BUSINESS POINT SALA 306 70070-934 BRASILIA DF BRAZIL	IN PARTNERSHIP WITH STATE AND FEDERAL GOVERNMENT AGENCIES TO DEVELOP PARTICIPATORY, SCIENCE-BASED BIODIVERSITY MANAGEMENT AND MONITORING PLANS FOR 4.4 MILLION HECTARES OF INDIGENOUS LANDS IN THE CALHA NORTE CONSERVATION CORRIDOR.	700,000

FORM G-900E, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
FEDORA COMMONS 165 WASHINGTON ST SUITE #201 WINCHESTER, MA 01890	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF A NEW DURASPACE SERVICE OFFERING CALLED DURACLOUD, A SUITE OF ON-LINE TOOLS AND SERVICES FOR THE LONG-TERM PRESERVATION AND ANALYSIS OF RESEARCH AND OTHER SCHOLARLY CONTENT	447,000
FIELD MUSEUM OF NATURAL HISTORY 1400 S. LAKE SHORE DR CHICAGO, IL 60605-2496	NONE 501 (C) (3) 509 (A) (2)	TO IMPLEMENT A RAPID INVENTORY IN THE CORDILLERA ESCALERA MANSERICHE REGION OF LORETO, PERU, AND TRAIN AMAZONIAN SCIENTISTS IN THE USE OF RAPID INVENTORIES FOR CONSERVATION PLANNING AND ZONING	600,000
FONDO MEXICANO PARA LA CONSERVACION CALLE DAMAS NO 49 3900 MEXICO CITY MEXICO	NONE 501 (C) (3) 509 (A) (1)	TO IDENTIFY AND TEST THE APPROPRIATE METHODOLOGIES AND TECHNOLOGIES TO BE ADOPTED OFFICIALLY FOR MONITORING DEFORESTATION AND FOREST DEGRADATION AT THE NATIONAL, SUBNATIONAL, AND LOCAL LEVELS IN MEXICO	500,000
FOREST ETHICS 410 - 698 SEYMOUR ST. V6B 3K6 VANCOUVER BC CANADA	NONE 501 (C) (3) 509 (A) (2)	TO SUPPORT SKEENA COMMUNITIES IN PROMOTING A PRECAUTIONARY APPROACH TO COAL BED METHANE DEVELOPMENT, INCLUDING THE ESTABLISHMENT OF NO-GO AREAS IN THE HIGHLY SENSITIVE HEADWATERS HABITAT	100,233
FUNDACAO AMAZONICA DA DEFESA DA BIOSFERA CONJUNTO TIRADENTES 69083-230 MANaus AM BRAZIL	NONE EQUIV US PC	TO SUPPORT THE IMPLEMENTATION AND SUSTAINABLE FINANCE OF STATE-LEVEL PROTECTED AREAS IN AMAZONAS, BRAZIL, AND THE INDEPENDENT EVALUATION AND VALIDATION OF THE PROBUC COMMUNITY BASED PROTECTED AREA AND BIODIVERSITY MONITORING SYSTEM	652,334.
FUNDACAO VITORIA AMAZONICA RUA ESTRELA DALVA, 146 69083-093 MANaus AM BRAZIL	NONE EXPEND RESPONSIBILITY	TO CONSOLIDATE THE MANAGEMENT OF FOUR PROTECTED AREAS IN THE LOWER RIO NEGRO BASIN.	576,149

ATTACHMENT 21 (CONT.D)

ATTACHMENT 21

11164JL 2789

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

RECIPIENT NAME AND ADDRESS	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
FUNDACION GAIA AMAZONAS CRA. 4 26B-31 BOGOTA DC COLOMBIA	TO INCREASE THE EFFECTIVENESS OF THE MANAGEMENT OF THE YAIGOJE APAPORIS NATIONAL PARK AND INDIGENOUS RESERVE THROUGH THE CREATION OF A COMMUNITY-BASED RESEARCH PROGRAM AND THE ESTABLISHMENT OF COMMUNITY AND REGIONAL-LEVEL LAND-USE AGREEMENTS	125,360
FUNDACION PERUANA PARA LA CONSERVACION CALLE DONA JUANA 137 LIMA LIMA PERU	TO WORK IN PARTNERSHIP WITH THE NATURE CONSERVANCY AND THE INSTITUTO DEL BIEN COMEN, FOR THE CREATION AND EFFECTIVE MANAGEMENT OF A 1.5 MILLION HECTARE LANDSCAPE MOSAIC COMPOSED OF PROTECTED AREAS, INDIGENOUS RESERVES AND SUSTAINABLE NATURAL RESOURCE USE AREAS IN THE SIERRA DEL DIVISOR RESERVED ZONE OF PERUVIAN AMAZONIA WITH THE ACTIVE PARTICIPATION OF CIVIL SOCIETY AND REGIONAL GOVERNMENT AUTHORITIES, THE MOSAIC WILL ENSURE BIODIVERSITY CONSERVATION, PROTECTION OF INDIGENOUS PEOPLES IN VOLUNTARY ISOLATION, AND THE MANAGEMENT AND SUSTAINABLE USE OF THE RESOURCES AND TERRITORIES OF LOCAL POPULATIONS. A THREAT-MONITORING SYSTEM WILL BE DEVELOPED FOR THE UCAYALI AND LORETO REGIONS IN PERU AND WILL BE ADAPTED, EXPANDED AND JOINTLY IMPLEMENTED IN THE CROSS-BORDER PERU-BRAZIL SIERRA DEL DIVISOR REGION THROUGH BI-NATIONAL COORDINATION MECHANISMS	180,000.

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT		PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
FUNDO BRASILEIRO PARA A BIODIVERSIDADE LARGO DO IBAM CEP. 22271 070 RIO DE JANEIRO RJ BRAZIL	NONE EQUIV US PC	IN SUPPORT OF A HIGHLY LEVERAGED INITIATIVE OF THE LATIN AMERICAN AND CARIBBEAN NETWORK OF CONSERVATION TRUST FUNDS IN THEIR DEVELOPMENT OF INNOVATIVE, MARKET-BASED, FINANCIAL SOLUTIONS FOR CONSERVATION.	201,413.
FUNDO BRASILEIRO PARA A BIODIVERSIDADE LARGO DO IBAM CEP 22271 070 RIO DE JANEIRO RJ BRAZIL	NONE EQUIV US PC	TO DESIGN THE GOVERNANCE STRUCTURE OF PROPOSED PROTECTED AREA COMPENSATION FUNDS FOR THE STATES OF AMAZONAS AND RONDÔNIA, BRAZIL, AND TO ESTIMATE THE POTENTIAL CONTRIBUTION OF FEDERAL AND STATE ENVIRONMENTAL COMPENSATION MONIES TO THE COST OF IMPLEMENTING AND MANAGING IN PERPETUITY ALL PROTECTED AREAS IN THE AMAZON REGION PROTECTED AREAS PROGRAM	306,404.
GEORGE MASON UNIVERSITY 4400 UNIVERSITY DR., MSN 5F2 FAIRFAX, VA 22030	NONE GOVERNMENTAL UNIT	TO DEVELOP A SET OF ACTIONABLE PRINCIPLES ABOUT HUMAN BEHAVIOR AND DECISION-MAKING THAT ENVIRONMENTAL GRANTMAKERS AND PRACTITIONERS CAN USE TO IMPROVE THEIR WORK.	20,473
GRC CONFERENCES 512 LIBERTY LANE WEST KINGSTON, RI 02892	NONE 501 (C) (3) 509 (A) (2)	TO SUPPORT GORDON RESEARCH CONFERENCES ON TOPICS RELATED TO AREAS OF INTEREST TO THE SCIENCE PROGRAM	300,000
GREAT BEAR INITIATIVE SOCIETY 409 GRANVILLE STREET V6C 1T2 VANCOUVER BC CANADA	NONE EXPEND RESPONSIBILITY	TO SUPPORT FIRST NATIONS MARINE SPATIAL PLANNING.	857,558.

FORM 500-PF, PART A.V - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND</u>	<u>FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
GREAT BEAR INITIATIVE SOCIETY 409 GRANVILLE STREET V6C 1T2 VANCOUVER BC CANADA	NONE EXPEND RESPONSIBILITY		TO SUPPORT FIRST NATIONS COMMUNICATIONS	254,628
GREAT BEAR INITIATIVE SOCIETY 409 GRANVILLE STREET V6C 1T2 VANCOUVER BC CANADA	NONE EXPEND RESPONSIBILITY		TO SUPPORT IMPLEMENTING LAND AND MARINE USE PLANS AND AGREEMENTS	157,236
GREEN FIRE PRODUCTIONS PO BOX 369 LA GRANDE, OR 97850	NONE 501 (C) (3) 509 (A) (2)		TO INCREASE THE UNDERSTANDING OF AND SUPPORT FOR COASTAL MARINE SPATIAL PLANNING THROUGH PRODUCTION AND DISTRIBUTION OF THE FILM OCEAN FRONTIERS, WHICH CAPTURES STORIES OF SUCCESSFUL OCEAN PLANNING THROUGH THE EYES OF COASTAL COMMUNITIES, MANAGERS, SCIENTISTS, AND OTHERS.	38,500
GREEN TECHNOLOGY LEADERSHIP GROUP 980 NINTH STREET, SUITE 2000 SACRAMENTO, CA 95814-2719	NONE EXPEND RESPONSIBILITY		TO SUPPORT CONSERVATION AND REDUCE EMISSIONS WITHIN CALIFORNIA'S CAP AND TRADE PROGRAM.	75,000.
GRIST MAGAZINE, INC. 710 SECOND AVENUE, SUITE 860 SEATTLE, WA 98104	NONE 501 (C) (3) 509 (A) (1)		TO SUPPORT RAISING AWARENESS OF AND INTEREST IN OCEAN ISSUES AMONG MILLENNIALS, GEN XERS, AND KEY INFLUENCERS, AND BUILDING SOCIAL MEDIA CAPACITY IN THE MARINE CONSERVATION NGO COMMUNITY.	94,000

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
GRUPO DE ANALISIS PARA EL DESARROLLO AV ALMIRANTE GRAU #915 LIMA PERU	NONE EQUIV US PC 501 (C) (3), 509 (A) (1)	FOR A STUDY OF THE EVOLUTION OF PERU'S TRANSPORTATION AND ENERGY POLICIES FOR ITS AMAZON REGION OVER THE PAST 50 YEARS, THE CURRENT SITUATION IN LIGHT OF THE RECENT PERU-BRAZIL ENERGY AGREEMENT, AND THE CONSTRUCTION OF NEW INFRASTRUCTURE PROJECTS BY THE PERUVIAN ADMINISTRATION	101,700
GULF OF MAINE RESEARCH INSTITUTE 350 COMMERCIAL STREET PORTLAND, ME 04101	NONE 501 (C) (3), 509 (A) (1)	IN SUPPORT OF WORK TO IMPROVE THE SECTOR MANAGEMENT SYSTEM FOR NEW ENGLAND'S GROUNDFISH INDUSTRY, PROVIDE CONVENING AND TECHNICAL ASSISTANCE TO THE MONKFISH FISHERY AS IT DEVELOPS A NEW CATCH SHARE SYSTEM, ASSIST GROUNDFISH SECTORS TO ADOPT CLEANER FISHING TECHNOLOGY, AND PROVIDE REGION-WIDE OUTREACH AND EDUCATION TO THE REGION'S FISHING INDUSTRY, FISHERIES MANAGEMENT AGENCIES, AND POLICY MAKERS.	480,500
GULF OF MAINE RESEARCH INSTITUTE 350 COMMERCIAL STREET PORTLAND, ME 04101	NONE 501 (C) (3), 509 (A) (1)	IN SUPPORT OF THE DEVELOPMENT OF MODELS OF PRODUCTIVE PUBLIC ENGAGEMENT IN SCIENCE, SUSTAINABILITY AND DECISION MAKING. THIS WILL BE ACCOMPLISHED THROUGH DESIGN, IMPLEMENTATION, AND EVALUATION OF EDUCATIONAL MATERIAL AND PILOTS THAT ENGAGE COMMUNITIES AROUND LOCAL MARINE ENVIRONMENTAL ISSUES WITH THE GOAL OF BETTER UNDERSTANDING THE UNDERLYING SCIENCE AND CONSEQUENCES OF DECISION-MAKING ON MARINE RESOURCES AND ECOSYSTEMS.	800,000

ATTACHMENT 21 (CONT'D)

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

RECIPIENT NAME AND ADDRESS _____

AND

FOUNDATION STATUS OF RECIPIENT _____

H JOHN HEINZ LII CENTER FOR SCIENCE ECONOMICS AND
 1001 PENNSYLVANIA AVENUE NW
 WASHINGTON, DC 20010

PURPOSE OF GRANT OR CONTRIBUTION _____

NONE
 501(C) (3) 509(A) (1)

TO PROVIDE CORE SUPPORT FOR THE BIOLOGICAL DYNAMICS OF FOREST FRAGMENTS PROJECT IN MANAUS FOR TWO YEARS WHILE DEVELOPING A SUSTAINABLE FINANCE FRAMEWORK.

HARTLEY BAY VILLAGE COUNCIL
 445 HAYMIISAXA WAY VOY 1A0
 HARTLEY BAY

NONE
 FOREIGN GOVERNMENT

TO TEST IMPLEMENTATION OF THE GITGA'AT FIRST NATION MARINE SPATIAL PLAN.

BC

CANADA

HEALTH 2.0 LLC
 650 DELANCEY ST #221
 SAN FRANCISCO, CA 94107

NONE
 EXPEND RESPONSIBILITY

TO SUPPORT BRIDGING THE KNOWLEDGE GAP BETWEEN HOSPITALS AND THE HEALTHCARE IT STARTUP COMMUNITY

HOSPITAL COMMITTEE FOR THE LIVERMORE-PLEASANTON AR
 5575 W. LAS POSTAS, SUITE 300
 PLEASANTON, CA 94568

NONE
 501(C) (3) 509(A) (1)

TO SUPPORT VALLEYCARE HEALTH SYSTEM'S MAGNET JOURNEY, LEADING TO THE SUBMISSION OF ITS COMPLETED MAGNET DOCUMENTATION AND MAGNET DESIGNATION BY DECEMBER 2013.

IEPE-INSTITUTO DE PESQUISA E FORMACAO INDIGENA
 RUA PROFESSOR MONJARDINO
 SAO PAULO
 BRAZIL

NONE
 EQUIV US PC

FOR THE IMPLEMENTATION OF BIODIVERSITY CONSERVATION AND SUSTAINABLE RESOURCE USE ON TWO INDIGENOUS LANDS IN NORTHERN PARA, BRAZIL, IN ACCORDANCE WITH INTEGRATED, SCIENCE-BASED, ADAPTIVE TERRITORIAL MANAGEMENT PLANS, AND THE IMPLEMENTATION OF BRAZIL'S NATIONAL POLICY FOR TERRITORIAL ENVIRONMENTAL MANAGEMENT ON INDIGENOUS LANDS

INDIANA UNIVERSITY
 1001 EAST THIRD STREET

NONE
 TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF CRAIG PIKAARD

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

PURPOSE OF GRANT OR CONTRIBUTION

AMOUNT

RECIPIENT NAME AND ADDRESS

GOVERNMENT UNIT

BLOOMINGTON, IN 47405-3700

INDUSTRY INITIATIVES FOR SCIENCE AND MATH EDUCATION

NONE

501 (C) (3) 509 (A) (1)

5301 STEVENS CREEK BLVD
SANTA CLARA, CA 95052-8059

TO SUPPORT RESEARCH INTERNSHIPS FOR
TEACHERS IN SCIENCE LABORATORIES AT SAN
FRANCISCO BAY AREA UNIVERSITIES, AND
TRAVEL COSTS FOR A SUBSET OF TEACHER
PARTICIPANTS TO ATTEND THE ANNUAL
PARTNERS IN SCIENCE CONFERENCE TO SHARE
RESEARCH, INTERACT WITH SCIENTIST, AND
NETWORK WITH OTHER TEACHERS

105,000.

INSTITUTO CENTRO DE VIDA

RUA AMERICO SALGADO 78045-055

CUIABA

MAT

BRAZIL

IN SUPPORT OF AN INTEGRATED APPROACH TO PROMOTE
DEFORESTATION-FREE BEEF AND SOY VALUE CHAINS IN
MATO GROSSO STATE.

1,024,275.

INSTITUTO DE CONSERVACAO E DESENVOLVIMENTO

RUA BARAO DE SOLIMÕES

FLORE -CEP 69058

BRAZIL

TO SUPPORT A FOREST TRANSPARENCY PROGRAM IN
PARTNERSHIP WITH THE GOVERNMENT OF THE STATE OF
AMAZONAS, AND TO INCREASE CIVIL SOCIETY
PARTICIPATION IN THE DEFINITION AND PROTECTION OF
FOREST-BASED ENVIRONMENTAL SERVICES

106,851.

NONE

EQUIV US PC

UNIT/AGCY OF FOR. GOV.

900,000.

INSTITUTO DE HIDROLOGIA, METEOROLOGIA Y ESTUDIOS

CARRERA 10 NO. 20-30

BOGOTA

D.C.

COLOMBIA

TO SUPPORT CONSOLIDATION OF THE NATIONAL FOREST
AND CARBON MONITORING SYSTEM TO GENERATE TIMELY
AND RELIABLE INFORMATION FOR POLICY DECISIONS AT
THE NATIONAL AND SUB-NATIONAL LEVEL

FOR A COMMUNITY FORESTRY PROJECT IN THE
SETTLEMENT COMMUNITIES OF MOJU I AND II
IN THE STATE OF PARA, BRAZIL, WHICH
WILL SERVE AS A DEMONSTRATION FOR

218,623

NONE

INSTITUTO DE PESQUISA AMBIENTAL DA AMAZONIA

COLONIA

FORM 990EZ - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RECIPIENT NAME AND ADDRESS		RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
AVENIDA NAZARE 669 66035-170 BELEM PARA BRAZIL	EQUIV US PC	NONE EQUIV US PC	TO SUPPORT ANALYSES OF THE IMPACT OF STATE POLICIES TO REDUCE DEFORESTATION IN THE BRAZILIAN AMAZON, THE ESTABLISHMENT OF A STAKEHOLDER SUPPORTED PLATFORM FOR CONTINUOUS MONITORING OF VALIDATED, GROUND-TRUTHED INDICATORS OF POLICY IMPACT, AND THE OPERATIONALIZATION OF STRATEGIES TO REDUCE DEFORESTATION IN LAND REFORM SETTLEMENTS	900,000
INSTITUTO DE PESQUISA AMBIENTAL DA AMAZONIA AVENIDA NAZARE 669 66035-170 BELEM PARA BRAZIL	EQUIV US PC	NONE EXPEND RESPONSIBILITY	TO IMPROVE INNOVATIVE APPROACHES TO PROTECTED AREA FUNDING AND CO-MANAGEMENT IN BRAZIL	132,500
INSTITUTO DEL BIEN COMUN AV. PETIT THOUARS 4381 18 LIMA PERU	EQUIV US PC	NONE INSTITUTO DEL BIEN COMUN AV. PETIT THOUARS 4381 18 LIMA PERU	TO CONSOLIDATE THE PROTECTED AREAS AND INDIGENOUS LANDS WITHIN THE 3.28 MILLION HECTARE PUTUMAYO-AMAZONAS INDIGENOUS LANDSCAPE BY WORKING WITH LOCAL COMMUNITIES AND GOVERNMENT AUTHORITIES ON NATURAL RESOURCE, FORESTRY, AND FISHERIES MANAGEMENT.	359,000

ATTACHMENT 21 (CONT'D)

ATTACHMENT 21 (CONT'D)

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

RECIPIENT NAME AND ADDRESS

INSTITUTO DO HOMEM E MEIO AMBIENTE DA AMAZONIA
 RUA DOMINGOS MARRETIROS 66060-160
 BELEM
 PARA
 BRAZIL

AMOUNT

800,000

PURPOSE OF GRANT OR CONTRIBUTION

THROUGH THIS GRANT IMAZON WILL MONITOR,
 ANALYZE, AND DISSEMINATE INFORMATION
 REGARDING DEFORESTATION AND FOREST
 DEGRADATION IN PROTECTED AREAS OF THE
 BRAZILIAN AMAZON, IMPROVE PROTECTED
 AREA MANAGEMENT IN THE CALHA NORTE
 CONSERVATION CORRIDOR, AND SUPPORT THE
 DEVELOPMENT OF SUSTAINABLE FINANCE AND
 MONITORING MECHANISMS FOR PARA STATE
 PROTECTED AREAS

INSTITUTO DO HOMEM E MEIO AMBIENTE DA AMAZONIA
 RUA DOMINGOS MARRETIROS
 BELEM
 PARA
 BRAZIL

AMOUNT

200,000.

TO ASSESS, MONITOR AND ENHANCE THE EFFECTIVENESS,
 IMPACT AND DURABILITY OF CURRENT POLICY
 INSTRUMENTS RELATED TO SUSTAINABLE SOURCING OF
 BEEF, AND TO DESIGN AND PROMOTE WAYS OF
 STREAMLINING ENVIRONMENTAL LICENSING IN THE PARA
 STATE IN ORDER TO REDUCE ENVIRONMENTAL COMPLIANCE
 COSTS TO RANCHERS AND THE STATE GOVERNMENT.

INSTITUTO FLORESTA TROPICAL
 PUA DOS MUNDURUCUS 66025-660
 BELEM
 PARA
 BRAZIL

AMOUNT

85,759.

IN SUPPORT OF A COMMUNITY FORESTRY PROJECT IN
 THE SETTLEMENT COMMUNITIES OF MOJU I AND II IN
 THE STATE OF PARA, BRAZIL THAT WILL SERVE AS
 A DEMONSTRATION FOR FOREST-BASED CO-MANAGEMENT
 BETWEEN COMMUNITIES, GOVERNMENT, AND THE TIMBER
 INDUSTRY.

INSTITUTO INTERNACIONAL DE EDUCACAO DO BRASIL
 SHIS QI 05, BLOCO F 71606-900
 BRASILIA
 DF
 BRAZIL

AMOUNT

358,275

TO ENABLE EFFECTIVE CO-MANAGEMENT OF PROTECTED
 AREAS IN THE BR-319 FRONTIER ZONE BY CREATING
 LOCAL ASSOCIATIONS AND MANAGEMENT COUNCILS AND
 TRAINING THEIR MEMBERS, AND BY RESTRUCTURING TWO
 LOCAL ENVIRONMENTAL NON-GOVERNMENTAL
 ORGANIZATIONS.

FORM 5900PE - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RECIPIENT NAME AND ADDRESS		RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
INSTITUTO INTERNACIONAL DE EDUCACAO DO BRASIL SHIS QI 05, BLOCO F 71606-900 BRASILIA DF BRAZIL	NONE EQUIV US PC		IN SUPPORT OF THE DESIGN, DEVELOPMENT AND IMPLEMENTATION OF A PERMANENT TRAINING PROGRAM FOR GOVERNMENT AGENCY STAFF AND INDIGENOUS LEADERS IN THE SKILLS AND APPROACHES NECESSARY TO IMPLEMENT BRAZIL'S POLICY ON ENVIRONMENTAL AND TERRITORIAL MANAGEMENT ON INDIGENOUS LANDS.	1,000,000.
INSTITUTO SOCIOAMBIENTAL AV. HIGIENOPOLIS, 901 01238-001 SAO PAULO SP BRAZIL	NONE EQUIV US PC		IN SUPPORT OF THE IMPROVEMENT AND CONTINUED MAINTENANCE OF A PROTECTED AREA AND INDIGENOUS LAND MONITORING SYSTEM, THE REFINEMENT OF A PROTECTED AREA EFFECTIVENESS ASSESSMENT SYSTEM, AND CONSOLIDATION OF RESOURCE MANAGEMENT PLANS ON UPPER AND MIDDLE RIO NEGRO INDIGENOUS LANDS.	1,100,000
INTEGRATED CARE LEADERSHIP NETWORK 13100 SKYLINE BOULEVARD OAKLAND, CA 94619	NONE 501 (C) (3) 509 (A) (1)		TO SUPPORT THE DEVELOPMENT AND IMPLEMENTATION OF 10 WORKSHOPS AIMED AT DEVELOPING THE QUALITY IMPROVEMENT AND LEADERSHIP SKILLS OF FRONTLINE HEALTH CARE PROVIDERS	225,000.
INTERNATIONAL UNION FOR CONSERVATION OF NATURE 28 RUE MAUVERNAY 1196 GLAND SWITZERLAND	NONE EXECUTIVE ORDER		TO DEVELOP THE IUCN RED LIST OF THE CONTINENTAL ECOSYSTEMS OF THE AMERICAS, ENGAGE NATIONAL GOVERNMENTS AND POLICY MAKERS TO EMPLOY IT, AND PROVIDE OPEN-ACCESS TO INFORMATION AND ANALYSES TO THE PUBLIC.	669,627.
ISLAND INSTITUTE	NONE		TO SUPPORT THE MIDCOAST FISHERMEN'S ASSOCIATION AND PORT CLIDE COMMUNITY SECTOR IN THE SUCCESSFUL AND SUSTAINABLE IMPLEMENTATION OF SECTOR-BASED CATCH SHARE MANAGEMENT THIS WILL SERVE AS A MODEL FOR COMMUNITY-BASED GROUNDFISH SECTORS IN	124,070

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
PO BOX 648 ROCKLAND, ME 04841	501 (C) (3) 509 (A) (1)	NEW ENGLAND, COMPRISED PRIMARILY OF SMALL BOATS AND MID-SIZED TRAWLERS, AND WILL ALSO FOSTER THOUGHT LEADERSHIP ON POLICY	
ISLAND INSTITUTE PO BOX 648 ROCKLAND, ME 04841	NONE 501 (C) (3) 509 (A) (1)	TO ADVANCE NEW ENGLAND FISHERIES MANAGEMENT AND REGIONAL OCEAN PLANNING THROUGH SUPPORTING ENGAGEMENT BOTH WITHIN LOCAL FISHING COMMUNITIES AND BETWEEN FISHERMEN AND OCEAN PLANNING STAKEHOLDERS	390,000
J CRAIG VENTER INSTITUTE INC 5 RESEARCH PLACE ROCKVILLE, MD 20850	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF COMPLETING THE INTEGRATION OF A NEW TOOL (PHYLOMETAREF) INTO THE COMMUNITY CYBERINFRASTRUCTURE FOR ADVANCED MICROBIAL ECOLOGY RESEARCH AND ANALYSIS (CAMERA) TO ALLOW THE MARINE MICROBIAL ECOLOGY RESEARCH COMMUNITY TO QUANTIFY AND COMPARE THE GENE EXPRESSION PATTERNS OF MARINE MICROEUKARYOTES	187,000
J DAVID GLADSTONE INSTITUTES 1650 OWENS STREET SAN FRANCISCO, CA 94158-2261	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE DEVELOPMENT OF PREDICTIVE MODELS OF THE GLOBAL DISTRIBUTIONS OF MARINE MICROBES BASED ON FUNCTIONAL POTENTIAL AND PROTEIN EXPRESSION PATTERNS IN ADDITION TO THEIR TAXONOMY - AN ENVIRONMENTAL NICHE ATLAS - TO DETERMINE THE BIOGEOGRAPHY OF MARINE MICROBES AND THEIR ROLES IN THE WORLD'S OCEANS.	756,676.
JOHNS HOPKINS UNIVERSITY	NONE	IN SUPPORT OF NEW SCIENTIFIC DISCOVERIES ENABLED THROUGH INNOVATIVE ANALYSES OF EXTREME-SCALE DATASETS FUNDING WILL BE USED TO DEVELOP	400,000

FORM 990EZ, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RECIPIENT NAME AND ADDRESS		RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
3701 SAN MARTIN DRIVE BALTIMORE, MD 21218		501(C) (3) 509(A) (1)	TECHNOLOGIES AND CREATE ADVANCED METHODS OF ANALYSIS FOR DATA-INTENSIVE SCIENCE FROM AREAS SUCH AS WIRELESS SENSOR PLATFORMS, TURBULENCE, AND PETASCALE DATA CHALLENGES IN COSMOLOGY	581,755
JOHNS HOPKINS UNIVERSITY 3701 SAN MARTIN DRIVE BALTIMORE, MD 21218		NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF THE INVENTION AND DEVELOPMENT OF NOVEL INSTRUMENTATION AND METHODS TO GENERATE AND DETECT TERAHertz RADIATION AT LOW TEMPERATURES AND IN MAGNETIC FIELDS. THE NEW TECHNIQUES WILL BE USED TO OBTAIN FUNDAMENTAL KNOWLEDGE ABOUT THE DYNAMIC PROPERTIES OF CONDENSED MATTER SYSTEMS, APPLICABLE TO A WIDE RANGE OF BIOLOGICAL, CHEMICAL, AND PHYSICAL INVESTIGATIONS	457,000.
JOHNS HOPKINS UNIVERSITY ACCM, 600 N WOLFE STREET BLALOCK 1501 BALTIMORE, MD 21287		NONE 501(C) (3) 509(A) (1)	TO SUPPORT THE ACUTE CARE/ICU MULTI-CENTER FEASIBILITY STUDY	457,000.
JOHNS HOPKINS UNIVERSITY ACCM, 600 N WOLFE STREET BLALOCK 1501 BALTIMORE, MD 21287		NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF AN INTENSIVE CARE UNIT (ICU) / ACUTE CARE MULTI-SITE DEMONSTRATION PROJECT.	4,042,115.
KAI SER FOUNDATION HOSPITALS 1800 HARRISON ST., 17TH FLOOR OAKLAND, CA 94612		NONE 501(C) (3) 509(A) (1)	TO SPREAD OPERATIONAL IMPROVEMENTS TO THE WORK ENVIRONMENT FOR RN'S, INCREASING BOTH PATIENT SATISFACTION AND RN TIME SPENT IN THE PATIENT ROOM AT THREE KAISER GREATER SACRAMENTO HOSPITALS.	315,000

ATTACHMENT 21 (CONT'D)

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
KAISET FOUNDATION HOSPITALS 1800 HARRISON ST , 17TH FLOOR OAKLAND, CA 94612	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE DEVELOPMENT OF A PREDICTIVE MODEL FOR HOSPITAL READMISSIONS	800,000
KAISET FOUNDATION HOSPITALS 1800 HARRISON ST., 17TH FLOOR OAKLAND, CA 94612	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE EVALUATION OF THE IMPLEMENTATION OF AN ICU CLINICAL BUNDLE INTERVENTION	226,000.
KITASOO-XAIAXAIS BAND COUNCIL KLENTU VOT 110 KLENTU BC CANADA	NONE FOREIGN GOVERNMENT	IN SUPPORT OF TECHNICAL ANALYSIS AND YOUTH ENGAGEMENT TO IMPLEMENT THE KITASOO/XAIAXAIS FIRST NATION MARINE SPATIAL PLAN.	161,394.
LDS MEDIA LAB INC 1105 N GARFIELD AVE. PASADENA, CA 91104	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF A COORDINATED PROGRAM TO INCREASE PUBLIC KNOWLEDGE AND AWARENESS OF EXCITING SCIENTIFIC RESEARCH AND DISCOVERIES, THE LOH-DOWN ON SCIENCE MEDIA LAB WILL ANNUALLY PRODUCE 250 NEW 90-SECOND DAILY RADIO SCIENCE SEGMENTS AND DISTRIBUTE THEM AT NO COST TO ALL REQUESTING NATIONAL PUBLIC RADIO STATIONS IN THE UNITED STATES AND THE VOICE OF AMERICA STATIONS ABROAD	300,000
LIFE SCIENCES RESEARCH FOUNDATION 3520 SAN MARTIN DRIVE BALTIMORE, MD 21218	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF A PRESTIGIOUS POST-DOCTORAL FELLOWSHIP OPPORTUNITY FOR FOUR TOP RESEARCHERS IN BIOLOGICAL SCIENCE DISCIPLINES TYPICALLY UNDERFUNDED BY OTHER GRANTING SOURCES THE FELLOWSHIPS WILL LAST THREE YEARS	27,549

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

<u>RECIPIENT NAME AND ADDRESS</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
LIFE SCIENCES RESEARCH FOUNDATION 3520 SAN MARTIN DRIVE BALTIMORE, MD 21218	IN SUPPORT OF A RENEWAL GRANT TO SUPPORT PRESTIGIOUS POST-DOCTORAL FELLOWSHIPS FOR FIVE TOP RESEARCHERS IN BIOLOGICAL SCIENCE DISCIPLINES TYPICALLY UNDERFUNDED BY OTHER GRANTING SOURCES. THE FELLOWSHIPS WILL LAST THREE YEARS	285,000
LIFE SCIENCES RESEARCH FOUNDATION 3520 SAN MARTIN DRIVE BALTIMORE, MD 21218	IN SUPPORT OF PRESTIGIOUS THREE-YEAR POST-DOCTORAL FELLOWSHIPS FOR FIVE TOP RESEARCHERS IN BIOLOGICAL SCIENCE DISCIPLINES TYPICALLY UNDERFUNDED BY OTHER SOURCES.	908,000
LIVING OCEANS SOCIETY 207 W HASTINGS ST 1405 V6B 1H7 VANCOUVER BOTSWANA	TO PROVIDE TECHNICAL SUPPORT FOR MARINE SPATIAL PLANNING (MSP) AND IMPLEMENTATION	324,577.
MANTA CONSULTING, INC 316 MID VALLEY CTR, #190 CARMEL, CA 93923	TO SUPPORT ENTREPRENEURS IN THE SEAFOOD SECTOR THROUGH A COMPETITION CALLED FISH 2.0.	100,000
MARIN GENERAL HOSPITAL FOUNDATION 100 B DRAKE S LANDING, SUITE 255 GREENBRAE, CA 94904	TO IMPLEMENT AND EVALUATE A TRANSITIONAL CARE PROGRAM AIMED AT A SUSTAINED REDUCTION IN BOTH 30-DAY READMISSION RATES BY AT LEAST 30% AND 90-DAY READMISSION RATES BY AT LEAST 15% FOR PATIENTS AGE 65 AND OLDER AS COMPARED TO A 2010 BASELINE. IN PARTNERSHIP WITH THE MARIN COUNTY DEPARTMENT OF HEALTH AND HUMAN SERVICES.	250,000

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
MARINE AFFAIRS RESEARCH AND EDUCATION 20227 NE 163RD ST. WOODINVILLE, WA 98077	NONE 501 (C) (3) 509 (A) (1)	TO DEVELOP A VIRTUAL NETWORK OF COASTAL AND MARINE SPATIAL PLANNING PRACTITIONERS BY SUPPORTING INFORMATION EXCHANGES, WEBINARS, AND OTHER COMMUNITY BUILDING TECHNIQUES TO GROW THE PRACTICE ACROSS THE UNITED STATES	350,000
MARINE BIOLOGICAL LABORATORY 7 MBL STREET WOODS HOLE, MA 02543	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE MICROBIAL DIVERSITY SUMMER COURSE, ONE OF FIVE COUPLED GRANTS INTENDED TO TRAIN THE NEXT GENERATION OF MICROBIAL ECOLOGISTS IN NON-TRADITIONAL, IMMERSIVE ACADEMIC ENVIRONMENTS THAT EMPHASIZE CROSS-DISCIPLINARY COLLABORATION AND CUTTING-EDGE ANALYTICAL TECHNIQUES	180,247
MARINE BIOLOGICAL LABORATORY 7 MBL STREET WOODS HOLE, MA 02543	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF INVESTIGATING THE MICROBIAL ECOSYSTEMS THAT THRIVE AT A DEEP-SEA VOLCANO TO MODEL THE RATES OF THEIR ACTIVITIES, THEIR INFLUENCE ON CARBON FLOW BENEATH THE SEAFLOOR, AND HOW THAT INFLUENCE IS ALTERED BY VIRAL INFECTION	821,844
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	NONE	IN SUPPORT OF RESEARCH IN THE LABORATORY OF SENIOR INVESTIGATOR DR EDWARD F. DELONG ON THE DYNAMICS OF THE COMPOSITION AND GENE EXPRESSION PATTERNS OF PLANKTONIC MICROBIAL COMMUNITIES. THE OUTCOMES OF THIS GRANT INCLUDE A DEEPER UNDERSTANDING OF HOW BACTERIAL AND ARCHAEAL POPULATIONS CHANGE IN SPACE AND TIME IN NATURAL AND PERTURBED MARINE SYSTEMS, HOW MICROBES COMMUNICATE WITH EACH OTHER IN OCEAN	468,386.

ATTACHMENT 21 (CONT'D)

FORM 3000E, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RECIPIENT NAME AND ADDRESS		RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
77 MASSACHUSETTS AVE	NE18-901	501(C) (3) 509 (A) (1)	ENVIRONMENTS, AND HOW WIDELY DISTRIBUTED GENES OF IMPORTANT ECOLOGICAL FUNCTION IMPACT MARINE BIOGEOCHEMICAL CYCLES	446,842
CAMBRIDGE, MA 02139			IN SUPPORT OF RESEARCH IN THE LABORATORY OF SENIOR INVESTIGATOR DR. SALLIE (PENNY) W. CHISHOLM ON THE ECOLOGY OF PROCHLOROCOCCUS, A MAJOR GROUP OF PRIMARY PRODUCERS IN THE UPPER OCEAN, AND ITS MECHANISMS OF EVOLUTION THE OUTCOMES OF THIS GRANT INCLUDE A DEEPER UNDERSTANDING OF ECOLOGICAL DIFFERENTIATION AMONG VARIOUS GROUPS OF PROCHLOROCOCCUS AND HOW THEY INTERACT WITH CO-OCCURRING HETEROTROPHIC BACTERIA AND INFECTIVE VIRUSES KEY PHYSIOLOGICAL AND TIME SERIES DATA ARE EXPECTED TO BE GENERATED AND SUPPLIED TO ECOSYSTEM MODELS	
77 MASSACHUSETTS AVE	NE18-901	501(C) (3) 509 (A) (1)	IN SUPPORT OF A COORDINATED PROGRAM AMONG STANFORD UNIVERSITY, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, AND THE MAX PLANCK INSTITUTE OF QUANTUM OPTICS TO DEMONSTRATE INTERACTION-FREE MEASUREMENTS WITH ELECTRONS, WHICH IF SUCCESSFUL WILL FORM THE BASIC PRINCIPLES FOR FUTURE DEVELOPMENT OF AN ELECTRON MICROSCOPE BASED ON QUANTUM PHYSICS.	1,000,000
CAMBRIDGE, MA 02139		NONE	MASSACHUSETTS INSTITUTE OF TECHNOLOGY 77 MASSACHUSETTS AVE. NE18-901 CAMBRIDGE, MA 02139	

ATTACHMENT 21 (CONT'D.)

ATTACHMENT 21

1164JL 2789

RECIPIENT NAME AND ADDRESS AND FOUNDATION STATUS OF RECIPIENT	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
MAX PLANCK SOCIETY FOR THE ADVANCEMENT OF SCIENCE HANS-KOPFERMANN-STR 1 D-65748 GARMING GERMANY	NONE EQUIV US PC	IN SUPPORT OF A COORDINATED PROGRAM AMONG STANFORD UNIVERSITY, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, AND THE MAX PLANCK INSTITUTE OF QUANTUM OPTICS TO DEMONSTRATE INTERACTION-FREE MEASUREMENTS WITH ELECTRONS, WHICH IF SUCCESSFUL WILL FORM THE BASIC PRINCIPLES FOR FUTURE DEVELOPMENT OF AN ELECTRON MICROSCOPE BASED ON QUANTUM PHYSICS	800,000.
MCKINSEY & COMPANY 555 CALIFORNIA STREET, SUITE 4700 SAN FRANCISCO, CA 94104	NONE EXPEND RESPONSIBILITY	TO RESEARCH RESOURCE DEMAND ISSUES TO IDENTIFY POTENTIAL INTERVENTIONS	360,000.
MERIDIAN INSTITUTE PO BOX 1829, 105 VILLAGE PLACE DILLON, CO 80435	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF A SCIENCE-BASED ANALYSIS IN FURTHERANCE OF THE GOALS OF THE JULY 2010 U.S. FRAMEWORK FOR COASTAL AND MARINE SPATIAL PLANNING	104,689
MERIDIAN INSTITUTE PO BOX 1829, 105 VILLAGE PLACE DILLON, CO 80435	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE MERIDIAN INSTITUTE'S WORK IN FURTHERANCE OF THE GOALS OF THE JULY 2010 U.S. FRAMEWORK FOR COASTAL AND MARINE SPATIAL PLANNING	498,070.
MICHIGAN STATE UNIVERSITY MICHIGAN STATE UNIVERSITY, PLANT BIOLOGY EAST LANSING, MI 48824-1312	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF SHENG-YANG HE.	333,333.
MIDDLE BAY SUSTAINABLE AQUACULTURE INSTITUTE 680-220 CAMBIE ST V6B 2M9	NONE	TO SUPPORT A DEMONSTRATION PROJECT FOR CLOSED CONTAINMENT SALMON PRODUCTION.	30,846.

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

PURPOSE OF GRANT OR CONTRIBUTION

AMOUNT

VANCOUVER
BC
CANADA

EXPEND RESPONSIBILITY

MINISTERIO DEL AMBIENTE, REPUBLICA DEL PERU
AV JAVIER PRADO OESTE
LIMA
PERUNONE
FOREIGN GOVERNMENT

IN SUPPORT OF THE DEVELOPMENT OF THE INSTITUTIONAL, LEGAL, AND TECHNICAL CAPACITY OF THE MINISTRY OF ENVIRONMENT (MINAM) AND OTHER RELEVANT INSTITUTIONS INVOLVED IN DEVELOPING A REDUCING EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION (REDD) PROGRAM IN PERU. THIS GRANT WILL SUPPORT THE PREPARATORY PHASE OF A NATIONAL STRATEGY TO REDUCE EMISSIONS FROM DEFORESTATION, FOREST DEGRADATION, AND OTHER FOREST SECTOR ACTIVITIES (REDD+), AS WELL AS THE IMPLEMENTATION OF RELATED REDD+ ACTIVITIES IN SEVERAL REGIONS OF PERU

MONTEREY BAY AQUARIUM RESEARCH INSTITUTE
7700 SANDHOLDT ROAD
MOSS LANDING, CA 95039-9644NONE
EXPEND RESPONSIBILITY

TO SUPPORT MICROFLUIDIC CHIP TECHNOLOGIES TO ENHANCE ENVIRONMENTAL MONITORING

780,000

MORRIS K. UDALL AND STEWART L. UDALL FOUNDATION
7700 SANDHOLDT ROAD

NONE

IN SUPPORT OF THE U S INSTITUTE FOR ENVIRONMENTAL CONFLICT RESOLUTION IN THE DESIGN AND POTENTIAL PILOT IMPLEMENTATION OF A BI-PARTISAN, INCLUSIVE PUBLIC ENGAGEMENT PROCESS BY

THE NATIONAL OCEAN COUNCIL IN FURTHERANCE OF THE UNITED STATES NATIONAL OCEAN POLICY FUNDING WILL BE USED TO PRODUCE BEST PRACTICE RECOMMENDATIONS FOR ELICITING AND

276,970

FORM 990NEC, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
130 SOUTH SCOTT AVENUE TUCSON, AZ 85701-1922	GOVERNMENT UNIT NONE EXPEND RESPONSIBILITY	INCORPORATING INPUT FROM THE GENERAL PUBLIC AND A BROAD SPECTRUM OF OCEAN USERS, INCLUDING TRIBES	193,092.
MOSAIC EVENT MANAGEMENT, INC. 67 HAIGHT ST SAN FRANCISCO, CA 94102	FOR TWO CONVENINGS OF EXPERTS FROM CLINICAL PRACTICE, RESEARCH, AND NURSING EDUCATION		369,686.
MRAG AMERICAS, INC. 10051 5TH ST. N, SUITE 105 ST PETERSBURG, FL 33702	TO SUPPORT A PERFORMANCE EVALUATION OF NEW ENGLAND AND PACIFIC GROUNDFISH CATCH SHARES.		273,300.
MRAG AMERICAS, INC. 10051 5TH ST. N, SUITE 105 ST PETERSBURG, FL 33702	TO SUPPORT EXPLORING LINKAGES BETWEEN CATCH SHARE SYSTEMS AND MSC CERTIFICATION SCORING		516,185
NANWAKOLAS COUNCIL 203 - 2005 EAGLE DRIVE V9H-1V8 CAMPBELL RIVER BC CANADA	TO SUPPORT FIRST NATIONS MARINE SPATIAL PLANNING		
NATIONAL ACADEMY OF SCIENCES 500 5TH STREET NW WASHINGTON, DC 20001	IN SUPPORT OF A CONVENING OF EXPERTS TO DISCUSS ASSESSMENT AND EVALUATION OF LEARNING OUTCOMES FOR INFORMAL SCIENCE EDUCATION PROGRAMMING. FUNDS WILL COVER ORGANIZING AND MEETING COSTS		121,031

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
NATIONAL ACADEMY OF SCIENCES 500 FIFTH STREET NW WASHINGTON, DC 20001	NONE 501 (C) (3) 509 (A) (1)	TO FUND AN INSTITUTE OF MEDICINE EXPERT WORKSHOP AND SUMMARY WITH THE GOAL OF IDENTIFYING OPPORTUNITIES FOR BUILDING PATIENT DEMAND FOR INFORMED, SHARED DECISION MAKING, BETTER VALUE IN HEALTH CARE, AND ENGAGEMENT IN CARE IMPROVEMENT.	386,750
NATIONAL ACADEMY OF SCIENCES 500 5TH STREET NW (K654) WASHINGTON, DC 20001	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT ESTABLISHMENT OF DEVELOPMENT CAPACITY FOR THE NATIONAL ACADEMIES OF SCIENCES' SCIENCE & ENTERTAINMENT EXCHANGE TO ENHANCE PROGRAMMING THAT SUPPORTS PUBLIC ENGAGEMENT WITH AND APPRECIATION OF SCIENCE.	480,000
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION BUILDING 1111 C ROAD STENNIS SPACE, MS 39529	NONE GOVERNMENTAL UNIT	TO REBUILD RECREATIONAL, CULTURAL AND ECONOMIC SECTOR ALLIANCES FOR CONSERVATION IN BRITISH COLUMBIA.	209,388
NATIONAL FISH AND WILDLIFE FOUNDATION 1133 FIFTEENTH STREET, NW, SUITE 1100 WASHINGTON, DC 20005	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE TRANSITION OF U.S. FISHERIES TO CATCH SHARE PROGRAMS BY ENCOURAGING FISHERMEN TO PURSUE INNOVATIVE MANAGEMENT STRATEGIES	90,000
NATURAL RESOURCES DEFENSE COUNCIL INC 40 WEST 20TH STREET NEW YORK, NY 10011	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE EVALUATION AND APPLICATION OF METHODS FOR MANAGING DATA-POOR FISHERIES IN THE UNITED STATES.	161,055
NATURE AND CULTURE INTERNATIONAL	NONE	IN SUPPORT OF STRENGTHENING THE REGIONAL (STATE) GOVERNMENT OF LORETO'S PROGRAM FOR THE CONSERVATION AND SUSTAINABLE MANAGEMENT OF THE REGIONAL BIODIVERSITY OF LORETO'S ABILITY TO CONSERVE THE EXTRAORDINARY BIODIVERSITY OF THE LOWLAND AMAZON FORESTS OF LORETO, PERU CONSERVATION WILL BE ACHIEVED THROUGH CONSOLIDATING THE MANAGEMENT OF 1.9 MILLION	297,905

FORM 9080F - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

<u>RECIPIENT NAME AND ADDRESS</u>	<u>FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
1400 MAIDEN LANE DEL MAR, CA 92014	501 (C) (3) 509 (A) (1)	HECTARES OF NEW REGIONAL CONSERVATION AREAS, PROMOTING THE PROTECTION OF KEY ECOLOGICAL PROCESSES ESSENTIAL FOR THE RESILIENCE OF THE AMAZON ECOSYSTEMS, DEVELOPING COMMUNITY-BASED RESOURCE MANAGEMENT AND CONSERVATION PRACTICES, AND STRENGTHENING THE TECHNICAL CAPACITIES OF THE REGIONAL GOVERNMENT FOR SUSTAINABLE LANDSCAPE MANAGEMENT PRACTICES	743,278
NATURE AND CULTURE INTERNATIONAL 1400 MAIDEN LANE DEL MAR, CA 92014	NONE 501 (C) (3) 509 (A) (1)	TO CONSOLIDATE THE REGIONAL PROTECTED AREAS SYSTEM IN LORETO, PERU (PROCREL) BY INTEGRATING LANDSCAPE-LEVEL MANAGEMENT OF NATURAL RESOURCES AND SUSTAINABLE ECONOMIC ACTIVITIES FOR LOCAL COMMUNITIES.	79,690
NATURE CONSERVANCY 715 L STREET, SUITE 100 ANCHORAGE, AK 99501	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT EFFORTS TO PROTECT THE WILD SALMON ECOSYSTEMS OF ALASKA'S BRISTOL BAY REGION	79,690
NATURE CONSERVANCY 4245 NORTH FAIRFAX DRIVE, SUITE 100 ARLINGTON, VA 22203-1606	NONE 501 (C) (3) 509 (A) (1)	TO EXPAND THE SCOPE AND EFFECTIVENESS OF EXISTING PERMIT BANKS IN NEW ENGLAND TO HELP MITIGATE UNINTENDED SOCIOECONOMIC IMPACTS OF SECTOR MANAGEMENT, ENSURE A FAVORABLE REGULATORY ENVIRONMENT, AND DEVELOP A SET OF CONSERVATION AND ECONOMIC METRICS TO EVALUATE THEIR IMPACT AND IMPROVE THEIR PERFORMANCE OVER TIME.	121,710.
NATURE CONSERVANCY	NONE	IN SUPPORT OF THE DESIGN AND IMPLEMENTATION OF TRANSFERABLE TOOLS, INCLUDING COLLECTIVE FISHING ARRANGEMENTS AND ELECTRONIC MONITORING, TO ENSURE THE DURABILITY OF THE PACIFIC GROUNDFISH TRAWL CATCH SHARE PROGRAM. FUNDING WILL BE USED TO	50,000

ATTACHMENT 21 (CONT'D)

FORM 500-P, PART XV.—GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21...CONT'D.

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
4245 NORTH FAIRFAX DRIVE, SUITE 100 ARLINGTON, VA 22203-1606	501 (C) (3) 509 (A) (1)	SUPPORT NECESSARY POLICIES AND ADVANCE PRACTICAL, ON-THE-WATER DEMONSTRATIONS THAT ALIGN COMMUNITY OBJECTIVES WITH CONSERVATION GOALS WITHIN THE PACIFIC GROUNDFISH FISHERY	400,000
NATURE CONSERVANCY 4245 NORTH FAIRFAX DRIVE, SUITE 100 ARLINGTON, VA 22203-1606	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE DESIGN AND IMPLEMENTATION OF TRANSFERABLE TOOLS, NECESSARY POLICIES, AND PRACTICAL DEMONSTRATIONS THROUGH CO-MANAGEMENT TO ENSURE THE DURABILITY OF THE PACIFIC GROUNDFISH TRAWL CATCH SHARE PROGRAM	425,000
NATURE CONSERVANCY 4245 NORTH FAIRFAX DRIVE, SUITE 100 ARLINGTON, VA 22203-1606	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT COASTAL AND MARINE SPATIAL PLANNING (CMSP) IN THE NORTHEAST UNITED STATES, AND THE TIMELY EVOLUTION OF ECOSYSTEM-BASED NATURAL RESOURCE MANAGEMENT AS IT RELATES TO CMSP.	318,150
NATURE CONSERVANCY 4245 NORTH FAIRFAX DRIVE, SUITE 100 ARLINGTON, VA 22203-1606	NONE 501 (C) (3) 509 (A) (1)	TO IMPROVE CATCH SHARE FISHERY MANAGEMENT AND TO ACCELERATE THE ADVANCEMENT OF COMMUNITY FISHING ASSOCIATIONS AND OTHER COLLECTIVE FISHERY MANAGEMENT INSTITUTIONS ON THE EAST AND WEST COASTS OF THE U.S. THROUGH BUSINESS MODELS, TOOL KITS, APPLICATIONS, AND THE SHARING OF LESSONS LEARNED.	978,646
NATURE CONSERVANCY 715 L STREET, SUITE 100 ANCHORAGE, AK 99501	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE DEVELOPMENT OF DECISION SUPPORT TOOLS THAT ASSIST ALASKANS IN THE RESPONSIBLE DEVELOPMENT OF NATURAL RESOURCES IN WILD SALMON SYSTEMS	

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

RECIPIENT NAME AND ADDRESS	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
NET IMPACT 150 SPEAR ST , SUITE 500 SAN FRANCISCO, CA 94105	TO FUND ELEMENTS OF THE NET IMPACT ENVIRONMENTAL CAREERS INITIATIVE, INSPIRING AND INFORMING THE NEXT GENERATION OF BUSINESS LEADERS TO CONNECT ENVIRONMENTAL CONSERVATION WITH THEIR WORK	159,696.
NEW VENTURE FUND 1201 CONNECTICUT AVE NW, SUITE 300 WASHINGTON, DC 20036	TO SUPPORT A FUND TO INCREASE FIELD-LEVEL CAPACITY FOR ANALYSIS OF THE ECONOMIC VALUE OF WELL MANAGED OCEAN ACTIVITIES.	400,000
NEW VENTURE FUND 1201 CONNECTICUT AVE NW, SUITE 300 WASHINGTON, DC 20036	TO SUPPORT A FUND AIMED AT ENHANCING THE IMPACT AND FINANCIAL RESILIENCE OF NORTH PACIFIC WILD SALMON CONSERVATION ORGANIZATIONS THROUGH USE OF NEW TOOLS TO DIVERSIFY THEIR SUPPORTER BASE.	497,550.
NEW YORK HALL OF SCIENCE 47-01 111TH STREET CORONA, NY 11368	IN SUPPORT OF AN INITIAL DESIGN OF A TOOL THAT OFFERS RICH AND RELEVANT ASSESSMENT AND DOCUMENTATION OF THE SCIENCE AND ENGINEERING-RICH MAKING PROCESS, AN ACCOMPANYING PLATFORM FOR A PERFORMANCE-BASED ASSESSMENT REPOSITORY FOR YOUNG MAKERS? PROJECT WORK, AND A NATIONAL SYMPOSIUM ON ASSESSMENT OF STEM LEARNING IN MAKING ACTIVITIES	250,000.
NORTHERN ARIZONA UNIVERSITY 200 EAST PINE KNOLL DRIVE, ROOM 116 FLAGSTAFF, AZ 86011-5018	TO PRODUCE RECOMMENDATIONS FOR BAY AREA LAND MANAGERS ON HOW TO MITIGATE THE IMPACT OF NON-MOTORIZED RECREATION AND THUS ENSURE THAT PUBLIC ACCESS IS COMPATIBLE WITH CONSERVATION AREAS SUCH AS PARKS AND WILDLIFE CORRIDORS .	245,590

FORM G-04F, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RECIPIENT NAME AND ADDRESS		RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
NORTHWEST INSTITUTE FOR BIOREGIONAL RESEARCH SOCIETY BOX 2781 VQJ2N0 SMITHERS BC CANADA		NONE EQUIV US PC NONE 501 (C) (3) 509 (A) (1)	TO HELP ENSURE THAT ENVIRONMENTAL ASSESSMENTS PROCESSES FOR MAJOR ENERGY DEVELOPMENT PROJECTS IN THE SKEENA WATERSHED GIVE COMPREHENSIVE CONSIDERATION TO CUMULATIVE IMPACTS ON WILD SALMON HABITAT TO INCREASE LOCAL AND REGIONAL SUPPORT FOR PROTECTION OF BRISTOL BAY WATERSHEDS	223,333 199,235
NUNAMTA AULUKESTAI PO BOX 735 DILLINGHAM, AK 99576		NONE 501 (C) (3) 509 (A) (1)	TO INCREASE LOCAL AND REGIONAL SUPPORT FOR PROTECTION OF BRISTOL BAY WATERSHEDS	400,000
NUNAMTA AULUKESTAI PO BOX 735 DILLINGHAM, AK 99576		NONE 501 (C) (3) 509 (A) (1)	TO ADVANCE THE USE OF COASTAL AND MARINE SPATIAL PLANNING IN THE UNITED STATES.	1,253,337.
OCEAN CONSERVANCY INC 1300 19TH ST. NW, 8TH FLOOR WASHINGTON, DC 20036		NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT A LANDSCAPE ASSESSMENT OF OPPORTUNITIES TO INCREASE IMPACT IN THE COMING YEAR AND A SYSTEMATIC ANALYSIS OF THE SPREAD OF OCEAN IDEAS THROUGH SOCIAL MEDIA.	64,800
OCEAN CONSERVANCY INC. 1300 19TH ST. NW, 8TH FLOOR WASHINGTON, DC 20036		NONE GOVERNMENT UNIT	TO SUPPORT AN ENHANCED MODEL FOR DELIVERING BETTER PRIMARY CARE TO HIGH-RISK OLDER ADULTS, THROUGH HEALTH CARE TEAMS LED BY A REGISTERED NURSE CARE MANAGER THAT IMPLEMENT TECHNOLOGY-SUPPORTED CHRONIC DISEASE CARE TO IMPROVE QUALITY, REDUCE HOSPITALIZATIONS, AND IMPROVE THE PATIENT EXPERIENCE.	500,000.
OREGON HEALTH & SCIENCE UNIVERSITY 3181 S.W. SAM JACKSON PARK RD PORTLAND, OR 97239-3098				

ATTACHMENT 21 (CONT'D)

ATTACHMENT 21 (CONT'D)

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

PURPOSE OF GRANT OR CONTRIBUTION

AMOUNT

OREGON STATE UNIVERSITY
220 NASH HALL
CORVALLIS, OR 97331-3804

NONE
GOVERNMENT UNIT

IN SUPPORT OF RESEARCH IN THE LABORATORY OF SENIOR INVESTIGATOR DR STEPHEN J. GIOVANNONI ON THE DYNAMICS OF A KEY GROUP OF MARINE PLANKTONIC MICROORGANISMS THAT REQUIRE EXTERNAL SOURCES OF CARBON FOR FOOD AND ENERGY. THIS ABUNDANT, ECOLOGICALLY IMPORTANT GROUP OF BACTERIA WILL BE STUDIED WITH RESPECT TO ITS COMPOSITION, GENE AND PROTEIN EXPRESSION PATTERNS, GENOME CONTENT, AND NUTRITIONAL REQUIREMENTS. THE OUTCOMES OF THIS GRANT INCLUDE A DEEPER UNDERSTANDING OF HOW POPULATIONS OF THESE BACTERIA CHANGE IN SPACE AND TIME IN NATURAL MARINE SYSTEMS, HOW THEY HAVE EVOLVED TO COPE WITH LOW NUTRIENT LEVELS, AND HOW THIS UBIQUITOUS AND NUMERICALLY PREDOMINANT GROUP IMPACTS MARINE BIOGEOCHEMICAL CYCLES.

310,159

TO SUPPORT CHARACTERIZATION OF THE MICROBIAL RESPONSES TO TWO DISTINCT SEASONAL OXYGEN MINIMUM ZONE ENVIRONMENTS AND TO ESTABLISH THE GEOLOGICAL HISTORY OF OXYGENATION AT EACH SITE. THE PROPOSED EFFORT AIMS TO DESCRIBE THE CHEMICAL AND PHYSICAL NATURE OF SEASONAL OXYGEN MINIMUM ZONES OFF THE COASTS OF CENTRAL CHILE AND OREGON, TO IDENTIFY SIMILARITIES AND DIFFERENCES BETWEEN THEIR PELAGIC MICROBIAL ASSEMBLAGES AND BIOGEOCHEMICAL PROCESSES, AND TO

498,691

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

PURPOSE OF GRANT OR CONTRIBUTION

AMOUNT

RECIPIENT NAME AND ADDRESS	GOVERNMENT UNIT GOVERNMENTAL UNIT	DETERMINE THE LONG-TERM VARIABILITY OF OXYGENATION IN THESE REGIONS. THE CONCLUSIONS WILL BE SYNTHESIZED IN AN INTER-DISCIPLINARY MANNER ACROSS THE FIELDS OF MARINE MICROBIAL ECOLOGY, PHYSICAL OCEANOGRAPHY, BIOGEOCHEMISTRY AND PALEOCEANOGRAPHY	510,021
RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND	FOUNDATIONAL STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
104 COAS ADMINISTRATION BUILDING CORVALLIS, OR 97331-5503	NONE GOVERNMENTAL UNIT	IN SUPPORT OF CREATING A DEEPER UNDERSTANDING OF HOW THE FOOD CHOICES OF MARINE MICROBES CONTRIBUTE TO CARBON CYCLING OFF OF THE COAST OF CALIFORNIA. HIGH PRECISION ISOTOPE TECHNIQUES AND MOLECULAR BIOLOGY METHODS WILL BE COMBINED IN NEW WAYS TO CHARACTERIZE THE FLOW OF NUTRIENTS IN MARINE MICROBIAL ECOSYSTEMS TO IDENTIFY WHICH MICROBES PREFER WHICH TYPES OF FOOD MOLECULES AND HOW MICROEUKARYOTE-BACTERIUM FOOD WEB INTERACTIONS INFLUENCE CARBON USE PATTERNS.	
308 KERR ADMINISTRATION BUILDING CORVALLIS, OR 97331		IN SUPPORT OF GRASSROOTS EFFORTS TO PROTECT WILD SALMON AND SALMON HABITAT IN KAMCHATKA, RUSSIA	393,046
PACIFIC ENVIRONMENT AND RESOURCES CENTER 251 KEARNY STREET, SUITE 201 SAN FRANCISCO, CA 94108-4530	NONE 501 (C) (3)(A) (1)	TO SUPPORT INCREASED COORDINATION OF THE COMMERCIAL FISHING INDUSTRY, CONSERVATION ORGANIZATIONS, AND REGULATING AGENCIES IN ADDRESSING MARINE STEWARDSHIP COUNCIL'S CERTIFICATION CONDITIONS FOR WILD SALMON FISHERIES IN BRITISH COLUMBIA. IT WILL ALSO SUPPORT THESE STAKEHOLDERS IN ADVANCING THE	164,599
PACIFIC SALMON FOUNDATION	NONE		

FORM 990DE, PART XV, GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
#300 - 1682 WEST 7TH AVE V6J 4S6 VANCOUVER BC CANADA	EQUIV US PC PACIFIC SALMON FOUNDATION #300 - 1682 WEST 7TH AVE V6J 4S6 VANCOUVER BC CANADA	TO SUPPORT AN INDEPENDENT AUDIT OF RUN-OF-RIVER HYDRO PROJECTS AND THEIR IMPACTS ON SALMONID SPECIES IN BRITISH COLUMBIA	147,540
PALO ALTO MEDICAL FOUNDATION FOR HEALTHCARE RESEARCH 2350 WEST EL CAMINO MOUNTAIN VIEW, CA 94040	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE DESIGN, PILOT, AND EVALUATION OF A NEW CARE DELIVERY MODEL UTILIZING HEALTH INFORMATION TECHNOLOGY, INCLUDING AN INTERACTIVE PERSONAL HEALTH RECORD, AT THE PALO ALTO MEDICAL FOUNDATION, WITH THE GOAL OF CONTROLLING BLOOD PRESSURE FOR PATIENTS DIAGNOSED WITH HYPERTENSION	200,000.
PARQUES NACIONALES NATURALES DE COLOMBIA CRA 10 NO 20 - 30 BOGOTA COLOMBIA	NONE FOREIGN GOVERNMENT	IN SUPPORT OF AN INTEGRATED INFORMATION SYSTEM FOR IMPROVING SYSTEM-LEVEL MANAGEMENT OF COLOMBIA'S PROTECTED AREAS, PARTICULARLY IN THE AMAZON REGION.	360,450.
PATRIMONIO NATURAL FONDO PARA LA BIODIVERSIDAD	NONE	IN SUPPORT OF THE EXPANSION OF THE SERRANIA DE CHIRIBIQUE NATIONAL NATURAL PARK AND ECOLOGICAL/ECONOMIC ZONING OF ITS BUFFER ZONES IN THE COLOMBIAN AMAZON THIS GRANT WILL ALSO DEVELOP THE CONCEPTUAL FRAMEWORK AND IMPLEMENTATION MODEL FOR AN EMERGING STRATEGY FOR GOVERNANCE, CONSERVATION, AND SUSTAINABLE USE FOR THE COLOMBIAN	3,040.

ATTACHMENT 21 (CONT'D)

FORM 990FPE, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDING STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CALLE 72 NO 12-65 BOGOTA COLOMBIA	EQUIV US PC	AMAZON.	
PATRIMONIO NATURAL FONDO PARA LA BIODIVERSIDAD CALLE 72 NO 12-65 BOGOTA COLOMBIA	NONE EQUIV US PC	TO CONSOLIDATE THE NATIONAL PARK SYSTEM AND CREATE INNOVATIVE MANAGEMENT MODELS IN FOUR NATIONAL PARKS AND THEIR BUFFER ZONES IN THE COLOMBIAN AMAZON.	1,050,000
PEPPERWOOD FOUNDATION 3450 FRANZ VALLEY ROAD SANTA ROSA, CA 95404	NONE 501(C) (3) 509(A) (3), TY	TO SUPPORT THE PEPPERWOOD FOUNDATION AND AN INTERDISCIPLINARY TEAM OF OVER 35 CLIMATE AND ECOSYSTEM RESEARCHERS TO DEVELOP AN INTEGRATED SCIENTIFIC BASIS FOR DELINEATING CLIMATE ADAPTATION CONSERVATION STRATEGIES FOR THE SAN FRANCISCO BAY AREA	330,150
PEW CHARITABLE TRUSTS 1200 18TH ST NW, 5TH FLOOR WASHINGTON, DC 20036-2506	NONE 501(C) (3) 509(A) (1)	BY SUPPORTING THE DIRECT ENGAGEMENT AND PARTICIPATION OF Affected FIRST NATIONS COMMUNITIES IN KEY DECISIONS, THIS GRANT TO PEW CHARITABLE TRUSTS (CANADIAN BOREAL INITIATIVE) IS IN SUPPORT OF ADVANCING MORE RESPONSIBLE APPROACHES TO MINERAL EXPLORATION AND DEVELOPMENT THAT PROTECT THE FRESHWATER HABITAT VALUES OF BC COLUMBIA'S WILD SALMON WATERSHEDS.	975,000
PROJECT HOPE - THE PEOPLE-TO-PEOPLE HEALTH 7500 OLD GEORGETOWN ROAD SUITE 600 BETHESDA, MD 20814-6133	NONE 501(C) (3) 509(A) (1)	TO SUPPORT HEALTH AFFAIRS IN THE PUBLICATION OF A THEMATIC ISSUE FEATURING PEER-REVIEWED PAPERS ON THE TOPIC OF PATIENT ENGAGEMENT AND A HALF-DAY BRIEFING HIGHLIGHTING KEY FINDINGS FROM THE ISSUE.	204,225

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

RECIPIENT NAME AND ADDRESS

QUEENSLAND UNIVERSITY OF TECHNOLOGY
G301, 2 GEORGE STREET 4000
BRISBANE
QLD
AUSTRALIA

REGENTS OF THE UNIVERSITY OF CALIFORNIA
EARTH AND MARINE SCIENCES BLDG-A316
SANTA CRUZ, CA 95064

NONE
EQUIV US PC
GOVERNMENTAL UNIT

FOR ARCHITECTURAL ENHANCEMENTS TO THE LENS, A
PUBLIC INFORMATICS PLATFORM THAT ENABLES
SEARCHING OF THE WORLD'S PATENT LITERATURE
FUNDING WILL BE USED TO ENABLE LINKAGE OF THE
PATENT LITERATURE TO THE SCIENTIFIC AND
TECHNOLOGY LITERATURE, WHICH WILL SUBSTANTIALLY
INCREASE THE UTILITY OF THE LENS TO SCIENTISTS,
SCIENCE POLICY MAKERS, AND SCIENCE FUNDERS

REGENTS OF THE UNIVERSITY OF CALIFORNIA
EARTH AND MARINE SCIENCES BLDG-A316
SANTA CRUZ, CA 95064

NONE
GOVERNMENTAL UNIT

FOR RESEARCH IN THE LABORATORY OF
SENIOR INVESTIGATOR DR JONATHAN P
ZEHR ON THE MICROBIOLOGICAL
UNDERPINNINGS OF THE NITROGEN CYCLE IN
THE OCEAN. THE OBJECTIVES OF THIS GRANT
ARE TO INVESTIGATE THE MICROBIOLOGY,
DIVERSITY, PHYSIOLOGY, BIOCHEMISTRY,
AND BIOTECHEMISTRY OF THE OPEN OCEAN
NITROGEN CYCLE, INCLUDING N₂ FIXATION
AND NITRATE ASSIMILATION

REGENTS OF THE UNIVERSITY OF CALIFORNIA
EARTH AND MARINE SCIENCES BLDG-A316
SANTA CRUZ, CA 95064

NONE

IN SUPPORT OF THE UNIVERSITY OF
CALIFORNIA, SAN DIEGO TO ESTABLISH A
COMMUNITY RESOURCE AND INTELLECTUAL
CENTER THAT WILL FACILITATE AND CREATE
REVOLUTIONARY KNOWLEDGE ADVANCES IN
MARINE MICROBIAL ECOLOGY, THE MICROBIAL
ECOLOGY OF OTHER NATURAL ENVIRONMENTS,
AND EVOLUTIONARY BIOLOGY OUTCOMES FOR
THIS GRANT INCLUDE CONSTRUCTION OF A
CENTRAL GENOMIC AND METAGENOMICS DATA
REPOSITORY AND A SUITE OF TOOLS FOR
ANALYSIS AND VISUALIZATION THAT
PROVIDES OPEN, EASY ACCESS TO THE

2,519,285

FORM 990EZ - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
9500 GILMAN DRIVE, MC 0436 LA JOLLA, CA 92093-0436	GOVERNMENTAL UNIT	INTERNATIONAL SCIENTIFIC COMMUNITY.	
REGENTS OF THE UNIVERSITY OF CALIFORNIA 1156 HIGH STREET SANTA CRUZ, CA 95064	NONE GOVERNMENTAL UNIT	IN SUPPORT OF IDENTIFYING RELEVANT PROBES AND TESTING BIOLOGICAL SENSORS TO DEPLOY ON REMOTE, IN SITU OCEAN OBSERVING PLATFORMS. THE DATA GENERATED FROM THESE STUDIES WILL BE USED TO INFORM MODELS DEVELOPED TO EVALUATE THE EFFECTS OF MICROORGANISMS ON THE EARTH'S BIOME, AS WELL AS THEIR RESPONSES TO GLOBAL ENVIRONMENTAL CHANGES.	976,836.
REGENTS OF THE UNIVERSITY OF CALIFORNIA 3333 CALIFORNIA STREET, SUITE 410 SAN FRANCISCO, CA 94118	NONE GOVERNMENTAL UNIT	TO SELECT 80 INTER-PROFESSIONAL EMERGING HEALTHCARE LEADERS (MASTER CHANGE AGENTS), HIGHLY DEVELOP THEIR LEADERSHIP SKILLS TO LEAD AND SUSTAIN CHANGE, AND ENSURE SIGNIFICANTLY IMPROVED PATIENT OUTCOMES AND COSTS ACROSS 20 ADULT ACUTE CARE HOSPITALS IN THE FIVE-COUNTY BAY AREA. THE CENTER FOR HEALTH PROFESSIONALS WILL DEVELOP THESE INDIVIDUALS THROUGH A FORMAL, NON-DEGREE LEADERSHIP CURRICULUM, INDIVIDUAL PROFESSIONAL DEVELOPMENT, PROJECT-BASED LEARNING AND A SUSTAINING PROFESSIONAL NETWORK.	752,000
REGENTS OF THE UNIVERSITY OF CALIFORNIA	NONE	IN SUPPORT OF THE BETTY IRENE MOORE SCHOOL OF NURSING AT THE UNIVERSITY OF CALIFORNIA, DAVIS FOR THE ENROLLMENT AND GRADUATION OF PHD AND MS STUDENTS, FACULTY RECRUITMENT AND DEVELOPMENT,	4,870,800

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

PURPOSE OF GRANT OR CONTRIBUTION

AMOUNT

GOVERNMENTAL UNIT

GOVERNMENTAL UNIT

INTERNAL EVALUATION METHODOLOGY,

REVENUE GENERATION STREAMS, AND

DEVELOPMENT OF A PLAN FOR THE LAUNCH OF

A BACHELORS OF SCIENCE IN NURSING

PRE-LICENSURE PROGRAM IN THE FALL 2015

IN SUPPORT OF THE DEVELOPMENT, IMPLEMENTATION,

AND EVALUATION OF A RANDOMIZED CONTROLLED TRIAL

TO TEST THE EFFICACY OF A PRIMARY CARE HEALTH

COACHING INTERVENTION AT THE MISSION NEIGHBORHOOD

HEALTH CLINIC IN SAN FRANCISCO, WITH THE GOAL

OF IMPROVING OUTCOMES FOR PATIENTS DIAGNOSED

WITH TYPE 2 DIABETES AND/OR HYPERTENSION

FOR A MAGNET READINESS PROGRAM AT THE

UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

(UCSF) MEDICAL CENTER, INCLUDING THE

IMPROVEMENT OF NURSING-RELATED PATIENT

OUTCOMES TO LEVELS MEETING OR EXCEEDING

MAGNET BENCHMARKS. THIS PROGRAM WILL

LEAD TO THE OUTCOMES OF A REDUCTION IN

THE HOSPITAL-WIDE HOSPITAL-ACQUIRED

PRESSURE ULCER RATE, A REDUCTION IN THE

HOSPITAL-WIDE CENTRAL LINE BLOOD STREAM

INFECTION RATE, AND SUBMISSION OF

UCSF'S MAGNET APPLICATION BY JULY 15, 2012.

TO CONDUCT AN ANNUAL EVALUATION OF THE PLANS OF

CALIFORNIA ACUTE CARE HOSPITALS TO HIRE NEW

REGISTERED NURSE (RN) GRADUATES THIS EVALUATION

WILL PROVIDE UPDATED INFORMATION ON THE DEMAND

FOR NEW RN GRADUATES OVER TIME AND WILL IDENTIFY

IMPLICATIONS FOR NEW RN GRADUATES BASED ON AN

NONE

75,475.

REGENTS OF THE UNIVERSITY OF CALIFORNIA

500 PARNASSUS AVENUE

SAN FRANCISCO, CA 94143

NONE

GOVERNMENTAL UNIT

INTERNAL EVALUATION METHODOLOGY,

REVENUE GENERATION STREAMS, AND

DEVELOPMENT OF A PLAN FOR THE LAUNCH OF

A BACHELORS OF SCIENCE IN NURSING

PRE-LICENSURE PROGRAM IN THE FALL 2015

IN SUPPORT OF THE DEVELOPMENT, IMPLEMENTATION,

AND EVALUATION OF A RANDOMIZED CONTROLLED TRIAL

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FOR A MAGNET READINESS PROGRAM AT THE

UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

(UCSF) MEDICAL CENTER, INCLUDING THE

IMPROVEMENT OF NURSING-RELATED PATIENT

OUTCOMES TO LEVELS MEETING OR EXCEEDING

MAGNET BENCHMARKS. THIS PROGRAM WILL

LEAD TO THE OUTCOMES OF A REDUCTION IN

THE HOSPITAL-WIDE HOSPITAL-ACQUIRED

PRESSURE ULCER RATE, A REDUCTION IN THE

HOSPITAL-WIDE CENTRAL LINE BLOOD STREAM

INFECTION RATE, AND SUBMISSION OF

UCSF'S MAGNET APPLICATION BY JULY 15, 2012.

REGENTS OF THE UNIVERSITY OF CALIFORNIA

75,475.

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
3333 CALIFORNIA STREET, SUITE 410 SAN FRANCISCO, CA 94118	GOVERNMENTAL UNIT	ENHANCED UNDERSTANDING OF RN SUPPLY AND DEMAND.	
REGENTS OF THE UNIVERSITY OF CALIFORNIA 3333 CALIFORNIA STREET, SUITE 410 SANTA BARBARA, CA 93106	NONE GOVERNMENTAL UNIT	IN SUPPORT OF THE BERMUDA INSTITUTE OF OCEAN SCIENCES SUMMER COURSE, ONE OF FIVE COUPLED GRANTS THAT WILL TRAIN THE NEXT GENERATION OF MICROBIAL ECOLOGISTS IN NON-TRADITIONAL, IMMERSIVE ACADEMIC ENVIRONMENTS THAT EMPHASIZE CROSS-DISCIPLINARY COLLABORATION AND CUTTING-EDGE ANALYTICAL TECHNIQUES.	44,213
REGENTS OF THE UNIVERSITY OF CALIFORNIA 500 PARNASSUS AVE SAN FRANCISCO, CA 94143	NONE GOVERNMENTAL UNIT	TO SUPPORT AN ICU TEAM-BASED CARE DIAGNOSTIC.	1,013,000
REGENTS OF THE UNIVERSITY OF CALIFORNIA 1 CENTENNIAL DRIVE BERKELEY, CA 94720-5200	NONE GOVERNMENTAL UNIT	TO DEVELOP TWO PILOT SCIENCE CENTER SATELLITE OUTPOSTS IN THE SAN FRANCISCO BAY AREA, IN ORDER TO ACTIVATE SCIENCE LEARNERS IN COMMUNITIES WITHOUT EXISTING SCIENCE CENTERS.	120,000
REGENTS OF THE UNIVERSITY OF CALIFORNIA	NONE	IN SUPPORT OF THE UNIVERSITY OF CALIFORNIA, DAVIS TO INCREASE KNOWLEDGE OF THE ECOLOGY AND MANAGEMENT OF SUDDEN OAK DEATH IN COASTAL FORESTS OF CALIFORNIA. FUNDING WILL BE USED TO CONDUCT BASIC AND APPLIED RESEARCH ON THE DISEASE AND ITS CAUSAL PATHOGEN, PHYTOPHTHORA RAMorum. RESEARCH FINDINGS WILL BE USED TO DEVELOP RECOMMENDATIONS FOR DISEASE CONTROL AND LAND MANAGEMENT, AND PROVIDE OUTREACH TO	184,362

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT		PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
ONE SHIELDS AVE DAVIS, CA 95616	GOVERNMENTAL UNIT REGENTS OF THE UNIVERSITY OF CALIFORNIA 151 HILGARD HALL BERKELEY, CA 94720	NONE GOVERNMENTAL UNIT FOR INCREASING SCIENTIFIC UNDERSTANDING OF THE ECOLOGY AND MANAGEMENT OF SUDDEN OAK DEATH IN COASTAL FORESTS OF CALIFORNIA. FUNDING WILL BE USED TO CONDUCT BASIC AND APPLIED RESEARCH ON THE DISEASE AND ITS CAUSAL PATHOGEN, PHYTOPHTHORA RAMORUM. RESEARCH FINDINGS WILL BE USED TO DEVELOP RECOMMENDATIONS FOR DISEASE CONTROL AND LAND MANAGEMENT, AND TO PROVIDE OUTREACH TO HOMEOWNERS, LAND MANAGERS, AND POLICY MAKERS TO FACILITATE IMPLEMENTATION OF THE BEST MANAGEMENT OPTIONS.	200,000.
		TO INVESTIGATE HOW CLOSELY COUPLED MARINE MICROORGANISMS INTERACT PHYSICALLY AND EXCHANGE NUTRIENT MOLECULES BY COMBINING NEW MICROSCOPY TOOLS WITH MOLECULAR AND ISOTOPIC TECHNIQUES, THIS PROJECT AIMS TO ADVANCE UNDERSTANDING OF THE MECHANISMS THAT DRIVE BIOGEOCHEMICAL CYCLES IN THE SURFACE OCEAN.	269,327
		REGENTS OF THE UNIVERSITY OF CALIFORNIA 9500 GILMAN DRIVEMAIL CODE 0210 LA JOLLA, CA 92093-0210	699,996
		REGENTS OF THE UNIVERSITY OF CALIFORNIA 1 CENTENNIAL DRIVE BERKELEY, CA 94720-5200	

ATTACHMENT 21 (CONT'D)

RECIPIENT NAME AND ADDRESS AND FOUNDATION STATUS OF RECIPIENT	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
REGENTS OF THE UNIVERSITY OF CALIFORNIA UNIVERSITY OF CALIFORNIA, SANTA BARBARA SANTA BARBARA, CA 93106-6150	NONE GOVERNMENTAL UNIT	IN SUPPORT OF FOUNDATIONAL SCIENCE FOR DETERMINING THRESHOLDS FOR MARINE ECOSYSTEMS AND PRACTICAL TOOLS TO DEVELOP PERFORMANCE STANDARDS FOR MARINE SPATIAL PLANNING.	836,532.
REGENTS OF THE UNIVERSITY OF CALIFORNIA UNIVERSITY OF CALIFORNIA, IRVINE IRVINE, CA 92697	NONE GOVERNMENTAL UNIT	TO DEPLOY STATE-OF-THE-ART AIRBORNE GRAVITY, AIRBORNE GROUND PENETRATING RADAR AND LASER PROFILING TECHNOLOGIES MOUNTED ON HELICOPTERS TO PROVIDE, FOR THE FIRST TIME, HIGH-RESOLUTION, HIGH-PRECISION MAPPING OF GLACIER THICKNESS AND COASTAL SEA FLOOR DEPTH IN AND NEAR THE PATAGONIAN ICE FIELDS OF CHILE AND IN THE GLACIAL FJORDS OF WEST GREENLAND	800,000
REGENTS OF THE UNIVERSITY OF CALIFORNIA 1 SHIELDS AVENUE DAVIS, CA 95616	NONE GOVERNMENTAL UNIT	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF JORGE DUBCOVSKY	333,333
REGENTS OF THE UNIVERSITY OF CALIFORNIA 9500 GILMAN DRIVE LA JOLLA, CA 92093	NONE GOVERNMENTAL UNIT	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF MARK ESTELLE.	333,333
REGENTS OF THE UNIVERSITY OF CALIFORNIA 2150 BACHELOR HALL RIVERSIDE, CA 92521	NONE GOVERNMENTAL UNIT	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF YUEMI CHEN	333,333
REGENTS OF THE UNIVERSITY OF CALIFORNIA 1002 LIFE SCIENCES ADDITION DAVIS, CA 95616	NONE GOVERNMENTAL UNIT	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF SIMON CHAN.	425,000.

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND RECIPIENT NAME AND ADDRESS		FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
REGENTS OF THE UNIVERSITY OF CALIFORNIA 111 KOSHLAND MAIL BERKELEY, CA 94720-3102	NONE GOVERNMENTAL UNIT	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF KRISHNA NIYOGI	333,333.	
REGENTS OF THE UNIVERSITY OF CALIFORNIA 3200 CROUL HALL IRVINE, CA 92697-3100	NONE GOVERNMENTAL UNIT	IN SUPPORT OF DEVELOPMENT OF A SYSTEM FOR FORECASTING THE FIRE SEASON SEVERITY AND DROUGHTS IN SEVERAL TROPICAL FOREST AND SAVANNA REGIONS, BASED ON SATELLITE MEASUREMENTS AND COMPUTER MODELING.	1,000,000.	
REGENTS OF THE UNIVERSITY OF CALIFORNIA EARTH AND MARINE SCIENCES BLDG-A316 SANTA CRUZ, CA 95064	NONE GOVERNMENTAL UNIT	IN SUPPORT OF PARTICIPATION IN THE INTERNATIONAL RAPID-RESPONSE PROJECT JAPAN TRENCH FAST DRILLING PROJECT, WHICH HAS ESTABLISHED THE FIRST EVER UNDERWATER EARTHQUAKE OBSERVATORY BY DEEP-WATER DRILLING AT THE SITE OF THE DEVASTATING MARCH 2011 TOHOKU MEGATHRUST EARTHQUAKE	300,000	
REGENTS OF THE UNIVERSITY OF CALIFORNIA OFFICE OF THE CHANCELLOR296 MCHENRY SANTA CRUZ, CA 95064	NONE GOVERNMENTAL UNIT	IN SUPPORT OF INSTALLATION AND DEPLOYMENT OF A STATE-OF-THE-ART SOLID-STATE LASER AT LICK OBSERVATORY, WHICH WILL BE USED TO EXCITE SODIUM ATOMS IN THE UPPER ATMOSPHERE AND PRODUCE A BRIGHT SPOT (GUIDE STAR) TO ENABLE OPERATION OF THE ADAPTIVE OPTICS SYSTEM FOR REDUCTION OF ATMOSPHERIC BLURRING OF SKY IMAGES.	377,002	
REGENTS OF THE UNIVERSITY OF CALIFORNIA	NONE	IN SUPPORT OF A MODEL PROFESSIONAL DEVELOPMENT PROGRAM THAT PARTNERS SCIENTISTS WITH TEACHERS TO SUPPORT SCIENCE TEACHING AND LEARNING IN ELEMENTARY CLASSROOMS AND AN ACCOMPANYING EVALUATION THAT CONSIDERS	335,297.	

FORM 500B, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
REGENTS OF THE UNIVERSITY OF CALIFORNIA 1 CENTENNIAL DRIVE BERKELEY, CA 94720-5200	GOVERNMENTAL UNIT NONE GOVERNMENTAL UNIT	IMPACT ON TEACHER AND STUDENT INTEREST AND LEARNING	500,000
REGENTS OF THE UNIVERSITY OF CALIFORNIA 111 KOSHLAND HALL BERKELEY, CA 94720-3102	GOVERNMENTAL UNIT NONE	IN SUPPORT OF A COORDINATED EFFORT BY BAY AREA SCIENCE AND TECHNOLOGY MUSEUMS TO PROVIDE HIGH-QUALITY SCIENCE PROFESSIONAL DEVELOPMENT TO AREA ELEMENTARY TEACHERS	1,800,000
REGENTS OF THE UNIVERSITY OF CALIFORNIA 1101 VALLEY LIFE SCIENCES BUILDING, #4780 BERKELEY, CA 94720-4780	GOVERNMENTAL UNIT NONE	IN SUPPORT OF A COLLABORATION AMONG THE UNIVERSITY OF CALIFORNIA, BERKELEY, IMPERIAL COLLEGE LONDON, PURDUE UNIVERSITY AND THE UNIVERSITY OF CALIFORNIA, SAN DIEGO TO DEVELOP A PROTOTYPE MICROSCOPE THAT WILL USE SPECIAL MATERIALS, WHICH CAN MANIPULATE LIGHT IN WAYS THAT ALLOW IMAGING OF LIVING CELLS AT RESOLUTIONS NOT POSSIBLE TODAY WITH CONVENTIONAL LIGHT MICROSCOPES.	600,000
REGENTS OF THE UNIVERSITY OF CALIFORNIA 1101 VALLEY LIFE SCIENCES BUILDING, #4780 BERKELEY, CA 94720-4780	GOVERNMENTAL UNIT NONE	IN SUPPORT OF THE DEVELOPMENT AND DISSEMINATION OF A HIGH-QUALITY, HIGH-PROFILE, WEB-BASED RESOURCE FOR RIGOROUSLY-VETTED SCIENTIFIC INFORMATION ABOUT THE NATURE AND IMPACTS OF GLOBAL CHANGE WITH A FOCUS ON BIOLOGICAL/ECOLOGICAL RESPONSES TO, AND INTERACTIONS WITH, CHANGING ENVIRONMENTS, INCLUDING CLIMATE CHANGE	1,440,941
REGENTS OF THE UNIVERSITY OF CALIFORNIA 1101 VALLEY LIFE SCIENCES BUILDING, #4780 BERKELEY, CA 94720-4780	GOVERNMENTAL UNIT NONE	IN SUPPORT OF THE NATIONAL CENTER FOR ECOLOGICAL ANALYSIS AND SYNTHESIS (NCEAS) IN A JOINT EFFORT WITH THE NATURE CONSERVANCY AND THE WILDLIFE CONSERVATION SOCIETY TO CREATE AND OPERATE A	

ATTACHMENT 21

1164JL 2789

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND</u>	<u>FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
REGENTS OF THE UNIVERSITY OF CALIFORNIA 9500 GILMAN DRIVEMAIL CODE 0210 LA JOLLA, CA 92093-0210	GOVERNMENTAL UNIT	NONE GOVERNMENTAL UNIT	GLOBAL CENTER OF EXCELLENCE FOCUSED ON KNOWLEDGE GENERATION TO SUSTAIN NATURE AND HUMAN WELL-BEING.	750,000
REGENTS OF THE UNIVERSITY OF CALIFORNIA 366 LECONTE HALL MC 7300 BERKELEY, CA 94720	GOVERNMENTAL UNIT	NONE GOVERNMENTAL UNIT	IN SUPPORT OF DESIGNING AND BUILDING A NEW AUTONOMOUS UNDERWATER VEHICLE WITH NEW CAPABILITIES FOR IDENTIFYING AND QUANTIFYING THE ABUNDANCE OF THE TINY MARINE ANIMALS (ZOOPLANKTON) USING PICTURES AND SOUND	1,300,000
REGENTS OF THE UNIVERSITY OF CALIFORNIA 1111 FRANKLIN ST , 9TH FLOOR OAKLAND, CA 94607-5200	GOVERNMENTAL UNIT	NONE GOVERNMENTAL UNIT	TO SUPPORT THE ACQUISITION OF FIRST-OF-A-KIND OPTICAL INSTRUMENTS (WIDE FIELD OPTICS AND MASSIVELY PARALLEL SPECTROGRAPHS) TO MEASURE DARK ENERGY AND ITS EFFECTS ON THE UNIVERSE'S EXPANSION USING THE RECENTLY PROVEN TECHNIQUE OF BARYON ACOUSTIC OSCILLATIONS	7,500,000
REGENTS OF THE UNIVERSITY OF CALIFORNIA			TO SUPPORT PROGRESS TOWARDS COMPLETION OF THE EARLY CONSTRUCTION PHASE OF THE THIRTY METER TELESCOPE. THE THIRTY METER TELESCOPE, TO BE BUILT ON MAUNA KEA, WILL BE THE FIRST OF THE NEXT-GENERATION GIANT OPTICAL/INFRARED GROUND-BASED TELESCOPES CAPABLE OF PEERING INTO THE BEGINNING OF THE UNIVERSE.	357,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA			TO SUPPORT THE IMPLEMENTATION OF A HOSPITAL-WIDE PROGRAM TO REDUCE SEPSIS (OVERWHELMING BLOODSTREAM INFECTION) MORTALITY THROUGH EVIDENCE-BASED PRACTICES FOR EARLY IDENTIFICATION AND TREATMENT OF SEVERE SEPSIS AND SEPTIC SHOCK. THIS GRANT SUPPORTS THE	

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
2315 STOCKTON BLVD, ROOM 4308 SACRAMENTO, CA 95817	GOVERNMENTAL UNIT	IMPLEMENTATION OF BEST PRACTICES THAT WILL LEAD TO A REDUCTION IN SEPSIS MORTALITY, SUSTAINED THROUGH 2017	
REGENTS OF THE UNIVERSITY OF CALIFORNIA 2315 STOCKTON BLVD, ROOM 4308 SACRAMENTO, CA 95817	NONE GOVERNMENTAL UNIT	TO SUPPORT THE MEDICAL CENTER TO ACHIEVE MAGNET DESIGNATION BY DECEMBER 31, 2013.	200,000
REGENTS OF THE UNIVERSITY OF CALIFORNIA 2315 STOCKTON BLVD, ROOM 4308 SACRAMENTO, CA 95817	NONE GOVERNMENTAL UNIT	TO SUPPORT THE DEVELOPMENT AND IMPLEMENTATION OF AN INTENSIVE CARE UNIT (ICU) AWAKENING AND BREATHING COORDINATION, DELIRIUM MONITORING, AND EXERCISE/EARLY MOBILITY EVIDENCE-BASED INTERVENTION INCORPORATING THE MANAGEMENT OF DELIRIUM, SLEEP, SEDATION, AND MOBILITY, WITH THE GOAL OF SIGNIFICANTLY REDUCING ICU MORTALITY AND LENGTH OF STAY BY JUNE 30, 2013	143,000
REGENTS OF THE UNIVERSITY OF CALIFORNIA 70 - CONJUNTO TIRADENTES - ALEXIO 69083-230 MANAUS AM BRAZIL	NONE GOVERNMENTAL UNIT	IN SUPPORT OF THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO TO DEVELOP THE FIRST-OF-ITS-KIND SUPER-RESOLUTION CRYO-MICROSCOPE THAT WILL ALLOW RESEARCHERS TO CO-LOCALIZE PROTEIN AND STRUCTURE WITHIN CELLS IN THEIR NATIVE STATE.	530,000.
REGENTS OF THE UNIVERSITY OF COLORADO 401 UCB BOULDER, CO 80309-0401	NONE GOVERNMENTAL UNIT	TO SUPPORT THE GOVERNORS CLIMATE & FOREST TASK FORCE (GCF) IN THE CONTINUED EFFORT TO IMPLEMENT SUB-NATIONAL FOREST EMISSION REDUCTION FRAMEWORKS WITH A FOCUS ON STATE-NATIONAL ALIGNMENT EFFORTS, CROSS-JURISDICTIONAL LEARNING, AND INNOVATION-DIFFUSION IN THE GCF MEMBER STATES AND PROVINCES	650,000.

RECIPIENT NAME AND ADDRESS AND FOUNDATION STATUS OF RECIPIENT	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
REGENTS OF THE UNIVERSITY OF MICHIGAN PROL ARENALES NO 437 27 LIMA ANN ARBOR, MI 48109-1005 PERU	NONE GOVERNMENTAL UNIT	TO INVESTIGATE AND MODEL THE DYNAMICS OF WHOLE MICROBIAL COMMUNITIES THAT INHABIT DISTINCT GEOCHEMICAL PROVINCES IN THE DEEP SEA ASSOCIATED WITH SEAFLOOR VOLCANIC ACTIVITY. THE RESEARCH AIMS TO IMPROVE UNDERSTANDING OF HOW THESE MICROBIAL COMMUNITIES REGULATE THE FLOW OF ENERGY AND NUTRIENTS FROM BENEATH THE SEAFLOOR INTO THE DEEP OCEAN AND HOW THESE COMMUNITIES RESPOND TO NATURAL ENVIRONMENTAL PERTURBATIONS	683,275.
REGENTS OF THE UNIVERSITY OF MINNESOTA 308 HARVARD ST SE (5-140 WDH) MINNEAPOLIS, MN 55455	NONE GOVERNMENTAL UNIT	TO DEVELOP, PILOT, AND EVALUATE A WORKSHOP TO ENHANCE THE KNOWLEDGE AND COMPETENCIES OF 10-COUNTY SAN FRANCISCO BAY AREA NURSING SCHOOL FACULTY IN INFORMATICS. THE WORKSHOP WILL STRENGTHEN IMPLEMENTATION OF THE QUALITY AND SAFETY EDUCATION FOR NURSES CURRICULUM ENHANCEMENTS UNDERWAY IN THE SAN FRANCISCO BAY AREA AND NATIONALLY	282,863
REGENTS OF THE UNIVERSITY OF MINNESOTA 450 McNAMARA ALUMNI CENTER, 2 MINNEAPOLIS, MN 55455-2070	NONE GOVERNMENTAL UNIT	IN SUPPORT OF DEVELOPING MOMENTUM 2.0 TO EMPOWER THOUGHT LEADERS AROUND THE WORLD TO DISCOVER AND APPLY SOLUTIONS TO GRAND CHALLENGES RELATED TO ENERGY, LAND USE, FOOD, WATER, SUSTAINABLE DEVELOPMENT.	369,984
REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM 550 NORTH PARK STREET, 122 SCIENCE HALL MADISON, WI 53706-1491	NONE GOVERNMENTAL UNIT	TO ASSESS, MONITOR AND FACILITATE THE ENHANCEMENT OF THE EFFECTIVENESS, IMPACT AND DURABILITY OF POLICY AND VOLUNTARY INSTRUMENTS RELATED TO SUSTAINABLE SOURCING OF BEEF AND SOY IN PARA AND MATO GROSSO, BRAZIL	362,000

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK 55510 MELVILLE LIBRARY STONY BROOK, NY 11794	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF DEVELOPING A DEEPER UNDERSTANDING OF BLUEFIN TUNA MIGRATORY PATTERNS AND IMPROVING FISHERY SCIENCE AND MANAGEMENT APPROACHES BY MEASURING CESIUM LEVELS IN BLUEFIN TUNA CAUGHT IN THE CALIFORNIA CURRENT AND OTHER PACIFIC OCEAN LOCATIONS FOLLOWING THE MASSIVE RELEASE OF RADIOACTIVITY FROM THE FUKUSHIMA DAT-ICHI NUCLEAR POWER PLANT IN MARCH, 2011.	375,000
RESOURCE LEGACY FUND FOUNDATION 555 CAPITOL MALL SUITE 675 SACRAMENTO, CA 95814	NONE 501 (C) (3) 509 (A) (3)	TO SUPPORT THE CONTINUED IMPLEMENTATION OF THE MARINE LIFE PROTECTION ACT IN CALIFORNIA, INCLUDING THE MARINE PROTECTED AREAS (MPA) MONITORING ENTERPRISE	2,000,000.
RESOURCES FOR THE FUTURE INC 1616 P STREET NW, SIXTH FLOOR WASHINGTON, DC 20036-1400	NONE 501 (C) (3) 509 (A) (1)	TO DEVELOP A SET OF ACTIONABLE PRINCIPLES ABOUT HUMAN BEHAVIOR AND DECISION-MAKING THAT ENVIRONMENTAL GRANTMAKERS AND PRACTITIONERS CAN USE TO IMPROVE THEIR WORK	130,000.
RESOURCES LEGACY FUND 555 CAPITOL MALL SUITE 1095 SACRAMENTO, CA 95814	NONE 501 (C) (3) 509 (A) (1)	TO BRING FOCUS AND MOMENTUM TO CONSERVING TARGETED ECOLOGICAL LANDSCAPES IN THE MOUNT HAMILTON TO THE SEA REGION, WHICH FALLS PRIMARILY IN SANTA CRUZ AND SANTA CLARA COUNTIES GRANT FUNDS WILL BE USED BY LOCAL LAND TRUSTS TO LEVERAGE SIGNIFICANT PUBLIC AND PRIVATE FUNDING TO TARGET REGIONAL PRIORITIES THAT ARE PART OF STRATEGIC CONSERVATION PLANS TO MAINTAIN A HEALTHY ECOSYSTEM IN THE REGION.	5,000,000.

FORM 900E - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RECIPIENT NAME AND ADDRESS		RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
RESOURCES LEGACY FUND 555 CAPITOL MALL SUITE 1095 SACRAMENTO, CA 95814	NONE 501 (C) (3) 509 (A) (1)		TO PROVIDE PRE-AQUSITION, PLANNING, COLLABORATION, AND INNOVATIONS SUPPORT TO LEVERAGE PUBLIC AND PRIVATE FUNDING AND CATALYZE LANDSCAPE-SCALE CONSERVATION IN PRIORITY BAY AREA REGIONS	750,000.
RESOURCES LEGACY FUND 555 CAPITOL MALL SUITE 1095 SACRAMENTO, CA 95814	NONE 501 (C) (3) 509 (A) (1)		TO ADVANCE LONG-TERM FUNDING FOR SAN FRANCISCO BAY HABITAT RESTORATION	65,225
RUTGERS THE STATE UNIVERSITY 54 JOYCE KILMER AVE PISCATAWAY, NJ 08854	NONE 501 (C) (3) 509 (A) (1)		FOR ACTIVITIES TO UNCOVER HOW THE METAL-CONTAINING ENZYMES RESPONSIBLE FOR THE CRITICAL ELECTRON TRANSFER REACTIONS THAT TURN BASIC ELEMENTS SUCH AS H, O, C, S, AND N INTO BIOLOGICALLY ACTIVE MOLECULES HAVE EVOLVED. FUNDING WILL BE USED TO DEVELOP BIINFORMATIC APPROACHES TO PRODUCE INDEPPENDENT EVOLUTIONARY RELATIONSHIPS BASED ON PROTEIN SEQUENCE OR PROTEIN STRUCTURE AND TO GENERATE HYPOTHESES FOR HOW THE BIO-CATALYZED ELECTRON TRANSFER REACTIONS AROSE AND NOW FUNCTION.	360,000.
SALK INSTITUTE FOR BIOLOGICAL STUDIES 10010 NORTH TORREY PINES ROAD LA JOLLA, CA 92037	NONE 501 (C) (3) 509 (A) (1)		TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF JOSEPH ECKER.	333,333.
SAN FRANCISCO GENERAL HOSPITAL FOUNDATION	NONE		FOR THE DEVELOPMENT, IMPLEMENTATION AND EVALUATION OF A NEW TRANSITIONAL CARE PROGRAM AT SAN FRANCISCO GENERAL HOSPITAL (SFGH), WITH THE GOAL OF IMPROVING OUTCOMES FOR 65 YEAR OLD	754,763

ATTACHMENT 21 (CONT'D)

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

RECIPIENT NAME AND ADDRESS

5575 W LAS POSITAS, SUITE 300
PLEASANTON, CA 94568

501 (C) (3) 509 (A) (1)

PURPOSE OF GRANT OR CONTRIBUTION

AMOUNT

PATIENTS THROUGH A BETTER DESIGNED TRANSITION FROM HOSPITAL TO HOME BY PROVIDING BETTER COORDINATED AND HIGHER QUALITY OF CARE DURING AND FOLLOWING HOSPITALIZATION, THE PROJECT IS ANTICIPATED TO RESULT IN LOWER RATES OF HOSPITAL READMISSION FOR ELDERLY PATIENTS DISCHARGED FROM SFCH. THE IMPACT OF THE TRANSITIONAL CARE PROGRAM SUPPORTED BY THIS GRANT WILL BE DOCUMENTED THROUGH AN EVALUATION AND COST-BENEFIT ANALYSIS WHICH WILL BE DISSEMINATED THROUGH PUBLICATION AND/OR PRESENTATION AT A NATIONAL MEETING.

TO PROTECT BIODIVERSITY IN THE SAN FRANCISCO BAY AREA BY BUILDING THE CAPACITY OF THE LAND CONSERVATION COMMUNITY TO IMPLEMENT THE CONSERVATION LANDS NETWORK, ENHANCING WEB-BASED TOOLS, AND MEASURING AND COMMUNICATING THE REGION'S PROGRESS TOWARDS GOALS

SAN FRANCISCO PARKS ALLIANCE
451 HAYES STREET, 2ND FLOOR
SAN FRANCISCO, CA 94102

NONE

75,000.

501 (C) (3) 509 (A) (1)

FOR THE REVISION, EXPANSION, AND EVALUATION OF SCIENCE PROGRAMMING DESIGNED TO INSPIRE CHILDREN'S INTEREST IN SCIENCE THROUGH ENGAGEMENT IN FIELD STUDIES AND ECOLOGICAL MONITORING ALONG THE GUADALUPE RIVER WATERSHED.

SAN JOSE CHILDREN S DISCOVERY MUSEUM
180 WOZ WAY
SAN JOSE, CA 95110

NONE

248,760

501 (C) (3) 509 (A) (1)

SANTA CLARA COUNTY OPEN SPACE AUTHORITY

NONE

334,388

TO EVALUATE THE ECONOMIC BENEFITS OF CONSERVATION AND EDUCATE DECISION MAKERS AND COMMUNITY LEADERS ABOUT THESE ECONOMIC BENEFITS IN ORDER TO ENHANCE AND EXPAND INVESTMENT IN CONSERVATION IN SANTA CLARA COUNTY AND THE GREATER SAN FRANCISCO BAY

FORM 990PF - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RECIPIENT NAME AND ADDRESS		RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
6980 SANTA TERESA BLVD. #100 SAN JOSE, CA 95119	GOVERNMENTAL UNIT	REGION.		
SCIENCEONLINE INC PO BOX 52447 DURHAM, NC 27717	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF SCIENCEONLINE'S WORK CONVENING SCIENTISTS, JOURNALISTS, AND STUDENTS TO IMPROVE SCIENTIFIC LITERACY		93,000
SIMON FRASER UNIVERSITY 515 WEST HASTINGS STREET V6B 5K3 VANCOUVER B.C.	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT AND INFORM THE DEVELOPMENT AND EFFECTIVE IMPLEMENTATION OF FIRST NATIONS SHARED DECISION-MAKING GOVERNANCE ARRANGEMENTS IN BRITISH COLUMBIA.		249,408
COLOMBIA				
SIMON FRASER UNIVERSITY 515 WEST HASTINGS STREET V6B 5K3 VANCOUVER B.C.	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE DEVELOPMENT AND APPLICATION OF A PRACTICAL DECISION-MAKING TOOL FOR SPATIAL PLANNING OF SMALL-SCALE HYDRO PROJECTS IN BRITISH COLUMBIA, TO OPTIMIZE THE DEVELOPMENT OF RENEWABLE ENERGY WHILE MINIMIZING CUMULATIVE IMPACTS ON ECOSYSTEMS AND BIODIVERSITY CONSERVATION.		310,413.
COLOMBIA				
SK PARTNERS, LLC 1047 EL CAMINO REAL #202 MENLO PARK, CA 94025	NONE EXPEND RESPONSIBILITY	TO SUPPORT IMPROVING EVALUATION OF INFORMAL SCIENCE LEARNING PROGRAMS.		493,698
HAZELTON CANADA				
SKEENA WATERSHED CONSERVATION COALITION PO BOX 70 V0J 1Y0	NONE EXPEND RESPONSIBILITY	TO ENHANCE SKEENA FIRST NATIONS AND COMMUNITIES IN PROMOTING PRECAUTIONARY MANAGEMENT.		189,100.

ATTACHMENT 21 (CONT'D)

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
SOCIEDAD PERUANA DE DERECHO AMBIENTAL PROL. ARENALES NO 437 27 LIMA PERU	NONE EQUIV US PC	TO CONSOLIDATE AND SECURE THE GAINS OBTAINED TO DATE ON PRIVATE LANDS CONSERVATION, WHILE EXPANDING THE CREATION OF SUB-NATIONAL PROTECTED AREAS USING THEIR ALREADY PROVEN CONSERVATION TOOLS FOR REGIONAL PROTECTED AREAS SYSTEMS IN THE PERUVIAN AMAZON.	521,858.
SOLANO LAND TRUST 1001 TEAS STREET, SUITE C FAIRFIELD, CA 94533	NONE EQUIV US PC	TO ESTABLISH THE INSTITUTIONAL CONDITIONS TO IMPLEMENT A NATIONAL LEVEL ENVIRONMENTAL LICENSING FRAMEWORK FOR LARGE-SCALE DEVELOPMENT PROJECTS	251,248
SONOMA LAND TRUST 966 SONOMA AVENUE SANTA ROSA, CA 95404	NONE 501(C) (3) 509(A) (1)	TO SUPPORT THE PERMANENT PROTECTION OF THE 1,500-ACRE ROCKVILLE TRAILS ESTATES PROPERTY, HELP SOLANO LAND TRUST RALLY PUBLIC SUPPORT FOR THIS PROJECT, AND BUILD THE LAND TRUST'S FUNDRAISING CAPACITY TO PROTECT AND STEWARD IMPORTANT CONSERVATION LANDS IN THE FUTURE	1,900,000
SONOMA LAND TRUST 966 SONOMA AVENUE SANTA ROSA, CA 95404	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF PERMANENTLY PROTECTING THE JENNER HEADLANDS, 5,630 ACRES OF BIOLOGICALLY DIVERSE, COMPLEX COASTAL PRAIRIE AND FOREST ON THE SCENIC SONOMA COAST. THE PROJECT WILL ESTABLISH SUSTAINABLE FINANCING OF ECOLOGICAL STEWARDSHIP AND PUBLIC ACCESS USING CARBON CREDITS AND SUSTAINABLE TIMBER HARVESTS	232,000.
SONOMA LAND TRUST 966 SONOMA AVENUE SANTA ROSA, CA 95404	NONE 501(C) (3) 509(A) (1)	FOR THE PROTECTION OF A CRITICAL CHOKEPPOINT WITHIN A HIGH-PRIORITY WILDLIFE CORRIDOR IN SONOMA VALLEY IN ORDER TO MAINTAIN WILDLIFE HABITAT, OPTIMIZE FREE MOVEMENT OF SPECIES, AND PROVIDE RESILIENCE TO RESPOND TO CLIMATE CHANGE	1,198,000

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR
AND

RECIPIENT NAME AND ADDRESS

SPITFIRE STRATEGIES, LLC
1800 M STREET, NW, SUITE 300 NORTH
WASHINGTON, DC 20036

NONE
EXPEND RESPONSIBILITY

FOUNDATION STATUS OF RECIPIENT

NONE
501 (C) (3) 509 (A) (3) . TY

PURPOSE OF GRANT OR CONTRIBUTION

242,943.

ST ROSE HOSPITAL FOUNDATION
37200 CALAROGA AVE.
HAYWARD, CA 94545

400,000

NONE
501 (C) (3) 509 (A) (1)

STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN
371 SERRA MALL
STANFORD, CA 94305-6030

636,177.

NONE
501 (C) (3) 509 (A) (1)

IN SUPPORT OF WORK TO ACHIEVE AND
SUSTAIN A 30% REDUCTION IN 30-DAY
READMISSION RATES AND A 15% REDUCTION
IN 90-DAY READMISSION RATES FOR
PATIENTS DISCHARGED FROM ST ROSE HOSPITAL

242,943.

TO SUPPORT GRANTEES IN IMPLEMENTING STRATEGIC
COMMUNICATIONS AROUND CATCH SHARES

164,763.

NONE

501 (C) (3) 509 (A) (1)

TO SUPPORT THE COMPLETION AND APPLICATION OF A
SUITE OF ECOSYSTEM SERVICE MODELS TO INFORM
MARINE SPATIAL PLANNING (MSP) DECISIONS. THESE
MODELS ARE BEING DEVELOPED AS PART OF THE NATURAL
CAPITAL PROJECT USING THE INVEST MODELING
FRAMEWORK. THIS GRANT WILL ALSO COMPLETE PILOT
TESTING IN BRITISH COLUMBIA'S WEST COAST
VANCOUVER ISLAND, COMPLETE A SUITE OF CORE
ECOSYSTEM SERVICES MODELS, AND SCOPE WORK FOR
POTENTIAL APPLICATION IN NEW ENGLAND OR OTHER
REGIONAL MSP PROCESS IN 2012.

164,763.

NONE

501 (C) (3) 509 (A) (1)

TO ADVANCE THE SCIENCE OF ECOSYSTEM SERVICES
THROUGH BASIC RESEARCH AND MODELING OF THEIR
PROVISION, DEVELOPMENT OF TOOLS FOR ASSESSING
TRADEOFFS, AND APPLICATION OF THOSE TOOLS IN LAND
USE PLANNING.

132,916.

NONE

501 (C) (3) 509 (A) (1)

IN SUPPORT OF THE HOPKINS MICROBIOLOGY
SUMMER COURSE, ONE OF FIVE COUPLED
GRANTS THAT WILL TRAIN THE NEXT
GENERATION OF MICROBIAL ECOLOGISTS IN
NON-TRADITIONAL, IMMERSIVE ACADEMIC

FORM 990EZ - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RECIPIENT NAME AND ADDRESS		RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
371 SERRA MALL STANFORD, CA 94305	STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN 3160 PORTER DRIVE PALO ALTO, CA 94304-8445	501(C) (3) 509 (A) (1)	ENVIRONMENTS THAT EMPHASIZE CROSS-DISCIPLINARY COLLABORATION AND CUTTING-EDGE ANALYTICAL TECHNIQUES	535,000
371 SERRA MALL STANFORD, CA 94305	STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN 300 PASTEUR DRIVE STANFORD, CA 94305	501(C) (3) 509 (A) (1)	IN SUPPORT OF DEVELOPING A NEW METHOD TO ACQUIRE ELECTRICITY FROM SUNLIGHT THAT COMBINES BOTH THE PHOTON (QUANTUM) AND THERMAL APPROACHES, CALLED PHOTO-ENHANCED THERMIONIC EMISSION FUNDING WILL BE USED TO IDENTIFY OPTIMAL MATERIALS, DESIGN, FABRICATE, AND TEST PHOTO-ENHANCED THERMIONIC EMISSION DEVICES, AND BENCHMARK THEIR EFFICIENCIES AND COST PER WATT COMPARED TO OTHER TECHNOLOGIES.	834,001
371 SERRA MALL STANFORD, CA 94305	STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN 300 PASTEUR DRIVE STANFORD, CA 94305	501(C) (3) 509 (A) (1)	TO INVESTIGATE HOW CORALS RESIST STRESS THROUGH DEVELOPMENT OF A POWERFUL SEA ANEMONE MODEL SYSTEM AND RELATED EXPERIMENTS WITH CORALS, SEA ANEMONES AND THE Symbiotic ALGAE THAT RESIDE IN THEM. THE FUNDING WILL BE USED TO ENHANCE RESEARCHERS' ABILITIES TO PREDICT CORAL RESILIENCE BY IDENTIFYING EARLY, RELIABLE SIGNALS THAT RESULT FROM CHANGING ENVIRONMENTAL CONDITIONS	25,000

ATTACHMENT 21 (CONT'D)

FORM 990PF - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

RECIPIENT NAME AND ADDRESS

STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN
371 SERRA MALL
STANFORD, CA 94305-6030

PURPOSE OF GRANT OR CONTRIBUTION

NONE
501 (C) (3) 509 (A) (1)

IN SUPPORT OF THE RAPID ADVANCE IN UPTAKE OF
ECOSYSTEM SERVICE SCIENCE TO INFORM POLICY BY
CREATING INNOVATIVE MODELS FOR TRADEOFF ANALYSIS,
SETTING STANDARDS, AND ADVANCING TOOLS FOR MAJOR
SECTOR PERMITTING AND MITIGATION, WATER FUND
DESIGN, INDUSTRIAL AGRICULTURE, AND MONITORING.

STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN
GILBERT HALL
STANFORD, CA 94305-4200

PURPOSE OF GRANT OR CONTRIBUTION

NONE
501 (C) (3) 509 (A) (1)

TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY
RESEARCH IN THE LAB OF DOMINIQUE BERGMANN

STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN
300 PASTEUR DRIVE
STANFORD, CA 94305

PURPOSE OF GRANT OR CONTRIBUTION

NONE
501 (C) (3) 509 (A) (1)

IN SUPPORT OF THE IMPLEMENTATION OF A
TRANSITIONAL CARE PROGRAM AT STANFORD HOSPITAL
AND CLINICS FOR HEART FAILURE PATIENTS. THE GOAL
OF THE PROGRAM WILL BE TO ACHIEVE AND SUSTAIN A
30% REDUCTION IN THE 30-DAY AND A 15% REDUCTION
IN 90-DAY ALL CAUSE READMISSION RATES FOR
PATIENTS WITH HEART FAILURE

STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN
485 LASUEN MALL
PALO ALTO, CA 94305-3096

PURPOSE OF GRANT OR CONTRIBUTION

NONE
501 (C) (3) 509 (A) (1)

IN SUPPORT OF THE DEVELOPMENT OF
TECHNOLOGY-ENABLED ASSESSMENT PROTOTYPES THAT
COMBINE MOTIVATION AND COGNITION, WHICH IF
SUCCESSFUL HAVE THE POTENTIAL TO CHANGE HOW
CHILDREN'S SCIENCE LEARNING IS MEASURED AND
UNDERSTOOD.

PURPOSE OF GRANT OR CONTRIBUTION

NONE
501 (C) (3) 509 (A) (1)

IN SUPPORT OF THE DEVELOPMENT OF PROTOTYPES FOR
ACTIVITIES THAT CAN FOSTER PARENTS ABILITIES TO
EXPLORE AND ENGAGE WITH THEIR CHILDREN IN
IDENTIFYING, DISCUSSING AND EXPLORING SCIENCE
CONCEPTS AND IDEAS THAT SURROUND THEM IN EVERYDAY
SETTINGS.

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN 382 VIA PUEBLO MALL STANFORD, CA 94305-4060	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF A COORDINATED PROGRAM AMONG STANFORD UNIVERSITY, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, AND THE MAX PLANCK INSTITUTE OF QUANTUM OPTICS TO DEMONSTRATE INTERACTION-FREE MEASUREMENTS WITH ELECTRONS, WHICH IF SUCCESSFUL WILL FORM THE BASIC PRINCIPLES FOR FUTURE DEVELOPMENT OF AN ELECTRON MICROSCOPE BASED ON QUANTUM PHYSICS	800,000.
STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN 3160 PORTER DRIVE PALO ALTO, CA 94304-8445	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF INVESTIGATIONS OF ENGINEERED NANO-STRUCTURES, DESIGNER QUANTUM MATERIALS, IN WHICH ELECTRON-ELECTRON INTERACTIONS ARE MANIPULATED BY DESIGN, AND THE RESULTING COMPLEX COOPERATIVE ELECTRON BEHAVIOR PROBED BY THE STATE-OF-THE-ART METHODS OF TUNNELING SPECTROSCOPY, MAGNETIC MICROSCOPY, AND ON-CHIP ELECTRON INTERFEROMETRY	563,000.
STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN 300 PASTEUR DRIVE STANFORD, CA 94305	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF A STUDY OF HOW HEALTH TECHNOLOGY COULD BE USED TO ENGAGE AND MEET THE NEEDS OF PATIENTS AND CAREGIVERS WHO ARE MANAGING MULTIPLE CHRONIC CONDITIONS.	249,745.
STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN 371 SERRA MALL STANFORD, CA 94305-6030	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE NATURAL CAPITAL PROJECT TO DEVELOP, TEST AND SUPPORT THE IMPLEMENTATION OF NEW METRICS, TOOLS, AND APPROACHES FOR QUANTIFYING BOTH NATURAL CAPITAL AND HUMAN WELL-BEING, INTERRELATING THEM UNDER PRESENT CONDITIONS AND ALTERNATIVE FUTURE SCENARIOS.	400,000.

FORM 990EF - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21... (CONT'D)

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

<u>RECIPIENT NAME AND ADDRESS</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
STANFORD UNIVERSITY BOARD OF TRUSTEES OF THE LELAN 348 VIA PUEBLO MALL STANFORD UNIVERSITY STANFORD, CA 94305-4090	NONE 501 (C) (3) 509 (A) (1) IN SUPPORT OF THE DESIGN AND IMPLEMENTATION OF A NOVEL ATOM CHIP MICROSCOPE, WHICH WILL USE ULTRACOLD MAGNETIC ATOMS TO IMAGE MAGNETIC AND TRANSPORT PROPERTIES OF MATERIALS WITH AN UNPRECEDENTED SENSITIVITY AND AT VARIABLE TEMPERATURES	430,921.
SURFRIDER FOUNDATION P O BOX 6010 SAN CLEMENTE, CA 92674-6010	NONE 501 (C) (3) 509 (A) (2) TO SUPPORT SURFRIDER'S EFFORTS TO EDUCATE AND ENGAGE COASTAL RESIDENTS IN OCEAN PLANNING	411,381
SUSTAINABLE FISHERIES PARTNERSHIP FOUNDATION 400-163 HASTINGS ST. V6B 1H5 VANCOUVER BC CANADA	NONE 501 (C) (3) 509 (A) (1) IN SUPPORT OF EFFORTS TO IMPROVE SALMON FISHERIES MANAGEMENT IN ALASKA, BRITISH COLUMBIA AND KAMCHATKA THROUGH SUPPORT FOR AND IMPROVEMENT OF MARKET CERTIFICATION REGIMES	589,185
SUTTER HEALTH 400-163 HASTINGS ST V6B 1H5 VANCOUVER BC CANADA	NONE 501 (C) (3) 509 (A) (2) TO SUPPORT THE DEVELOPMENT AND IMPLEMENTATION OF AN INTENSIVE CARE UNIT-AWAKENING AND BREATHING COORDINATION, DELIRIUM MONITORING, AND EXERCISE/EARLY MOBILITY INTERVENTION; A REDUCTION IN THE PERCENT OF HOSPITALIZED PATIENTS WITH SIGNIFICANTLY HIGH OR LOW BLOOD GLUCOSE LEVELS; AND DEVELOPMENT AND IMPLEMENTATION OF AN INTER-PROFESSIONAL TEAM MODEL WITH THE GOAL OF SIGNIFICANTLY REDUCING MORBIDITY, MORTALITY, AND IMPROVING PATIENT OUTCOMES	1,400,000

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

RECIPIENT NAME AND ADDRESS

FOUNDATION STATUS OF RECIPIENT

PURPOSE OF GRANT OR CONTRIBUTION

AMOUNT

SUTTER HEALTH 400-163 HASTINGS ST V6B 1H5 VANCOUVER BC CANADA	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF SPREADING THE HEART FAILURE CONTINUUM OF CARE MODEL, A HIGHLY EFFECTIVE TRANSITIONAL CARE PROGRAM AIMED AT REDUCING HEART FAILURE READMISSIONS. OUTCOMES INCLUDE A REDUCTION IN BOTH 30-DAY AND 90-DAY READMISSION RATES AT EDEN MEDICAL CENTER BY AT LEAST 30% AS COMPARED TO THE 2009 BASELINE, AND THE COMMITMENT OF AT LEAST ONE ADDITIONAL SAN FRANCISCO BAY AREA SUTTER HEALTH HOSPITAL TO FULLY IMPLEMENT THE MODEL.	700,000
SWEETSPRING SALMON, INC. 400-163 HASTINGS ST V6B 1H5 VANCOUVER BC CANADA	NONE EXPEND RESPONSIBILITY	TO DEMONSTRATE TECHNICAL AND FINANCIAL FEASIBILITY OF ON-LAND CLOSED CONTAINMENT AQUACULTURE.	205,456.
SWEETSPRING SALMON, INC. 2301 NE BLAKELLEY STREET SUITE 102 SEATTLE, WA 98105-3293	NONE EXPEND RESPONSIBILITY	TO ENGAGE COMMERCIAL FISHERMEN TO ENSURE THAT THE PACIFIC NORTH COAST INTEGRATED MANAGEMENT AREA INITIATIVE INTEGRATES HUMAN USE WITH STRONG CONSERVATION.	150,000
T. BUCK SUZUKI ENVIRONMENTAL FOUNDATION #100 - 326 12TH STREET V3M 4H6 NEW WESTMINSTER BC CANADA	NONE EQUIV US PC		229,833
TECHBRIDGE GIRLS	NONE	IN SUPPORT OF THE DEVELOPMENT OF A COST-EFFECTIVE, REPLICABLE MODEL FOR SCALING UP THE TECHBRIDGE PROGRAM, WHICH PROVIDES HANDS-ON ACTIVITIES,	250,000.

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

RECIPIENT NAME AND ADDRESS

7700 EDGEWATER DRIVE, SUITE 519
OAKLAND, CA 94621

501 (C) (3) 509 (A) (1)

ROLE MODELS AND WORKSITE VISITS, FAMILY
OUTREACH, AND TEACHER TRAINING TO SERVE
GIRLS ACROSS THE SAN FRANCISCO BAY AREA.

NATIONAL RESEARCH, ROBUST ASSESSMENT, AND
EVALUATION WILL BE COMPONENTS OF THE PROGRAM
DESIGN AND REFINEMENT TO DEVELOP A SCALABLE AND
SUSTAINABLE MODEL FOR EXPANSION AND DURABILITY.

THE CHEMICAL HERITAGE FOUNDATION
1655 NORTH FORT MYER DRIVE, SUITE 1300
ARLINGTON, VA 22209-3199

NONE
501 (C) (3) 509 (A) (2)

TO CREATE A NEW, NONPROFIT INSURANCE
SERVICE THAT WILL FUND LEGAL COSTS OF
DEFENDING CONSERVATION EASEMENTS WHEN
VIOLATED OR CHALLENGED IN COURT, THUS
ENHANCING THEIR EFFECTIVENESS AS A
LEGAL TOOL TO CONSERVE HABITATS AND LANDSCAPES
PERMANENTLY THROUGHOUT THE UNITED STATES

THE TERRAFIRMA RISK RETENTION GROUP LLC
100 BANK STREET, SUITE 610
BURLINGTON, VT 05402

NONE
501 (C) (3) 509 (A) (1)

TO SUPPORT THE CREATION AND PUBLICATION OF A
BIOGRAPHY OF GORDON E. MOORE, WHICH WILL COVER
DR. MOORE'S ROLE IN PROFOUND HISTORICAL
DEVELOPMENTS FROM THE RISE OF SEMICONDUCTOR
ELECTRONICS, THE SEMICONDUCTOR INDUSTRY, AND THE
INTEGRATED CIRCUIT TO THE DEVELOPMENT OF THE
SILICON VALLEY DYNAMIC OF TECHNOLOGICAL
INNOVATION THROUGH VENTURE CAPITAL-BACKED
STARTUPS AND ALSO HIS BACKGROUND AND
PHILANTHROPIC ENDEAVORS.

THE CONSERVATION FUND A NONPROFIT CORPORATION
1655 NORTH FORT MYER DRIVE, SUITE 1300
ARLINGTON, VA 22209-3199

NONE
501 (C) (3) 509 (A) (1)

TO UNDERTAKE A 24-MONTH RESEARCH PROJECT GROWING
ATLANTIC SALMON TO FOOD SIZE IN AN EXISTING
FRESHWATER CLOSED CONTAINMENT RESEARCH FACILITY,
AND TO DISSEMINATE BEST PRACTICES AND OTHER
FINDINGS TO SUPPORT IMPROVED DECISION-MAKING
ABOUT LAND-BASED AQUACULTURE IN BRITISH COLUMBIA

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RECIPIENT NAME AND ADDRESS		RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
THE CONSERVATION FUND A. NONPROFIT CORPORATION 1655 NORTH FORT MYER DRIVE, SUITE 1300 ARLINGTON, VA 22209-3199	NONE 501 (C) (3) 509 (A) (1)		IN SUPPORT OF RESEARCH TO IDENTIFY THE CONDITIONS FOR OPTIMAL SALMON PRODUCTION IN ENVIRONMENTALLY SECURE RECIRCULATING AQUACULTURE SYSTEMS	755,000
THE EXPLORATORIUM 3601 LYON STREET SAN FRANCISCO, CA 94123	NONE 501 (C) (3) 509 (A) (1)		IN SUPPORT OF THE EXPLORATORIUM FACILITIES CONSTRUCTION AT PIERS 15-17, RELOCATION AND TRANSITION COSTS, AND FOR ITS SCIENCE EDUCATION PROGRAMS	625,000
THE EXPLORATORIUM 1-1-1 MINATO MIRAI, NISHI-KU 220-8502 YOKOHAMA SAN FRANCISCO, CA 94123 JAPAN	NONE 501 (C) (3) 509 (A) (1)		IN SUPPORT OF THE DESIGN AND DEVELOPMENT OF THE TINKERING STUDIO, A NEW PUBLIC LEARNING ENVIRONMENT TO BE LAUNCHED IN SPRING 2013. FUNDING WILL BE USED FOR THE DESIGN OF THE LEARNING ENVIRONMENT AND SIX NEW ACTIVITY SETS, CREATION OF TRAINING AND STAFFING PLANS FOR TINKERING STUDIO FACILITATORS, AND THE DEVELOPMENT OF AN EVALUATION AND RESEARCH DESIGN TO DOCUMENT THE WAYS IN WHICH THE TINKERING STUDIO SUPPORTS SCIENCE LEARNING FOR DIFFERENT AUDIENCES	980,100
THE EXPLORATORIUM BARRIO UNIVERSITARIO S/N CASILLA160 CONCEPCION OCTAVA REGION CHILE	NONE 501 (C) (3) 509 (A) (1)		FOR THE DEVELOPMENT OF INNOVATIVE OCEAN SYSTEMS EXHIBITS FOR THE NEW OBSERVATORY AND LIFE SCIENCES GALLERIES AT THE EXPLORATORIUM, AS WELL AS COMPLEMENTARY NEW PUBLIC PROGRAMS TO RAISE AWARENESS OF OCEANS AND BAY SCIENCE.	694,261
THE EXPLORATORIUM 3601 LYON STREET SAN FRANCISCO, CA 94123	NONE 501 (C) (3) 509 (A) (1)		IN SUPPORT OF THE EXPANSION OF EXPLORATORIUM'S HIGH-QUALITY, SCIENCE-RICH TINKERING ACTIVITIES AND PROGRAMMING TO ELEMENTARY-AGED CHILDREN PARTICIPATING IN COMMUNITY-BASED OUT-OF-SCHOOL TIME PROGRAMS.	473,000

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
THE NATIONAL CENTER FOR GENOME RESOURCES 2935 RODEO PARK DRIVE EAST SANTA FE, NM 87505	NONE 501(C) (3)(509(A) (1)	TO SUPPORT THE SEQUENCING AND PERFORMING BASIC CHARACTERIZATIONS OF THE GENE CONTENT OF NUMEROUS MARINE MICROBIAL EUKARYOTES FUNDING WILL BE USED TO ANALYZE THE EXPRESSED GENES IN APPROXIMATELY 750 SAMPLES COLLECTED FROM A WIDE DIVERSITY OF ORGANISMS. THE RESULTING SEQUENCE DATA AND ASSOCIATED METADATA WILL BE MADE PUBLICLY AVAILABLE	425,000
THE PENNSYLVANIA STATE UNIVERSITY 310 WARTIK BUILDING, PENN STATE UNIVERSITY UNIVERSITY PARK, PA 16802	NONE GOVERNMENTAL UNIT 501(C) (3)(509(A) (1)	IN SUPPORT OF THE DEVELOPMENT AND USE OF CUTTING-EDGE GENOMICS TECHNOLOGIES TO ADDRESS BOTH RECOVERY EFFORTS FOR THE CALIFORNIA CONDOR AND FUNDAMENTAL EVOLUTIONARY QUESTIONS.	599,000
THE TECH MUSEUM OF INNOVATION 201 SOUTH MARKET STREET SAN JOSE, CA 95113	NONE 501(C) (3)(509(A) (1)	TO CREATE A TECHNOLOGY-ENABLED PLATFORM FOR IMPROVING VISITOR EXPERIENCE THROUGH DATA COLLECTION AND ANALYTICS THAT WILL INFORM EXHIBIT DESIGN AND EXTENSION	1,000,000
THIRD SECTOR NEW ENGLAND, INC THE NONPROFIT CENTER, SUITE 202 BOSTON, MA 02111	NONE 501(C) (3)(509(A) (1)	TO SUPPORT THE APPLICATION OF SEAPLANS (FORMERLY THE MASSACHUSETTS OCEAN PARTNERSHIP) EXPERTISE IN IMPLEMENTATION OF THE MASSACHUSETTS OCEAN MANAGEMENT PLAN, DEVELOPMENT OF PLAN 2.0, AND INITIAL PHASES OF NEW ENGLAND REGIONAL MARINE SPATIAL PLANNING, PARTICULARLY PROCESS DESIGN, STAKEHOLDER ENGAGEMENT, AND SCIENCE INTEGRATION.	465,116
THIRD SECTOR NEW ENGLAND, INC THE NONPROFIT CENTER, SUITE 202 BOSTON, MA 02111	NONE 501(C) (3)(509(A) (1)	IN SUPPORT OF INITIAL IMPLEMENTATION OF COASTAL AND MARINE SPATIAL PLANNING FOR THE NORTHEAST REGION, IN PARTNERSHIP WITH THE NORTHEAST REGIONAL OCEAN COUNCIL.	684,937.

ATTACHMENT 21 (CONT'D.)

FORM 990DE, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
TIDES CANADA FOUNDATION 400-163 HASTINGS ST V6B 1H5 VANCOUVER BC CANADA	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT AN AGILE MECHANISM FOR TIMELY, SMALL-SCALE INVESTMENTS IN LOCAL, COMMUNITY-DRIVEN ACTIVITIES AIMED AT PROTECTING WILD SALMON IN BRITISH COLUMBIA	981,200.
TIDES CANADA FOUNDATION 400-163 HASTINGS ST V6B 1H5 VANCOUVER BC CANADA	NONE 501 (C) (3) 509 (A) (1)	FOR AN AGILE MECHANISM FOR TIMELY, SMALL-SCALE INVESTMENTS IN ACTIVITIES AIMED AT SECURING RESILIENT AND PRODUCTIVE MARINE ECOSYSTEMS IN BRITISH COLUMBIA	299,971
TIDES CANADA FOUNDATION 400-163 HASTINGS ST V6B 1H5 VANCOUVER BC CANADA	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT AN AGILE MECHANISM FOR TIMELY, SMALL-SCALE INVESTMENTS IN ACTIVITIES AIMED AT SECURING RESILIENT AND PRODUCTIVE MARINE ECOSYSTEMS IN BRITISH COLUMBIA	224,644
TIDES CANADA FOUNDATION 400-163 HASTINGS ST V6B 1H5 VANCOUVER BC CANADA	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE HEADWATERS INITIATIVE PROJECT TO COORDINATE A UNIFIED ARTICULATION OF FIRST NATIONS EXPECTATIONS FOR THEIR ROLE IN THE MANAGEMENT OF CUMULATIVE IMPACTS OF DEVELOPMENT IN THE WILD SALMON ECOSYSTEMS IN THE SKEENA REGION OF BRITISH COLUMBIA.	243,337
TIDES CANADA FOUNDATION 400-163 HASTINGS ST V6B 1H5 VANCOUVER BC CANADA	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE SALMON AQUACULTURE INNOVATION FUND FUNDING WILL BE USED IN CONJUNCTION WITH PUBLIC AND PRIVATE SOURCES TO SUPPORT EARLY STAGE RESEARCH, DEVELOPMENT AND DEMONSTRATION OF ON-LAND CLOSED CONTAINMENT SYSTEMS IN BRITISH COLUMBIA.	209,561.

ATTACHMENT 21 (CONT'D)

FORM 990PF, PART AY - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

PURPOSE OF GRANT OR CONTRIBUTION

AMOUNT

RECIPIENT NAME AND ADDRESS TIDES CANADA FOUNDATION 400-163 HASTINGS ST. V6B 1H5 VANCOUVER BC CANADA	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR NONE 501 (C) (3) 509 (A) (1)	FOUNDATION STATUS OF RECIPIENT NONE 501 (C) (3) 509 (A) (1)	PURPOSE OF GRANT OR CONTRIBUTION IN SUPPORT OF THE SALMON AQUACULTURE INNOVATION FUND FUNDING WILL BE USED IN CONJUNCTION WITH PUBLIC AND PRIVATE SOURCES TO SUPPORT EARLY STAGE RESEARCH, DEVELOPMENT, AND DEMONSTRATION OF CLOSED CONTAINMENT SYSTEMS IN BRITISH COLUMBIA	AMOUNT 100,750
TIDES CANADA FOUNDATION 400-163 HASTINGS ST. V6B 1H5 VANCOUVER BC CANADA			IN SUPPORT OF IMPLEMENTING A NEW BUSINESS MODEL TO ENSURE GRANTEE'S LONG-TERM FINANCIAL SUSTAINABILITY FUNDING WILL BE USED TO SUPPORT KEY STAFF POSITIONS INVOLVED IN THE BUSINESS PLAN SCALE-UP AND TRANSITION.	486,163
TIDES CANADA FOUNDATION 400-163 HASTINGS ST. V6B 1H5 VANCOUVER BC CANADA			TO SUPPORT TIDES CANADA FOUNDATION'S TLATSINI CONSERVATION FUND TO SUPPORT THE TAKU TLINGET FIRST NATION IN IMPLEMENTING WILD SALMON CONSERVATION PROVISIONS OF THE ATLIN-TAKU LAND USE PLAN AND THE ASSOCIATED GOVERNMENT-TO-GOVERNMENT SHARED DECISION-MAKING AGREEMENT	353,115
TIDES CANADA FOUNDATION 400-163 HASTINGS ST. V6B 1H5 VANCOUVER BC CANADA			TO PROVIDE SUPPORT FOR COMMUNICATIONS AND OUTREACH PLANNING	250,000.
TIDES CANADA FOUNDATION 400-163 HASTINGS ST. V6B 1H5 VANCOUVER BC CANADA			TO SUPPORT IMPLEMENTATION OF THE GITANYOW FIRST NATION LAND USE PLAN AND THE KITWANGA SOCKEYE SALMON RECOVERY PLAN	2,019,500.

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
TIDES CANADA INITIATIVES SOCIETY 400 - 163 HASTINGS ST V6B 1H5 VANCOUVER BC CANADA	NONE EQUIV US PC	TO ENABLES THE TIDES CANADA INITIATIVES TO ADMINISTER THE BRITISH COLUMBIA MARINE CONSERVATION ANALYSIS (BCMCA) PROJECT. THE BCMCA PROJECT WILL SHARE ITS COLLABORATIVE, PEER-REVIEWED, AND EXPERT-DRIVEN PRODUCTS WITH MARINE SPATIAL PLANNING PROCESSES	215,072
TIDES CANADA INITIATIVES SOCIETY 400 - 163 HASTINGS ST V6B 1H5 VANCOUVER BC CANADA	NONE EQUIV US PC	TO SUPPORT TIDES CANADA INITIATIVE'S CANADIAN FRESHWATER ALLIANCE PROJECT IN INCREASING COMMUNITY UNDERSTANDING OF STANDARDS AND PRACTICES FOR PROTECTING ECOLOGICAL FLOWS AND GROUNDWATER.	336,175.
TROUT UNLIMITED 1300 N 17TH STREET, SUITE 500 ARLINGTON, VA 22209	NONE 501 (C) (3) 509 (A) (1)	TO INCREASE STATE AND FEDERAL SUPPORT FOR PERMANENTLY PROTECTING THE RENEWABLE NATURAL RESOURCES OF BRISTOL BAY, ALASKA	1,300,000.
TRUST FOR CONSERVATION INNOVATION 150 POST STREET, SUITE 342 SAN FRANCISCO, CA 94108	NONE 501 (C) (3) 509 (A) (1)	TO ENSURE THE LONG-TERM CONSERVATION OF PERU'S ALTO PURÉ LANDSCAPE COMPOSED OF A 4 MILLION HECTARE NETWORK OF CORE PROTECTED AREAS AND INDIGENOUS TERRITORIES.	300,000
TRUSTEES OF PRINCETON UNIVERSITY 70 PROSPECT AVENUE, BROWN HALL PRINCETON, NJ 08540	NONE 501 (C) (3) 509 (A) (1)	TO DESIGN AND CONSTRUCT A MOLECULAR BEAM EPITAXY LABORATORY CAPABLE OF PRODUCING THE HIGHEST QUALITY GALLIUM ARSENIDE AND ALUMINUM GALLIUM ARSENIDE SEMICONDUCTOR HETERO-STRUCTURES IN THE WORLD. FUNDING WILL BE USED TO PRODUCE CUSTOM ULTRA-HIGH PURITY SPECIMENS FOR PHYSICS RESEARCHERS AND TO BEGIN TRAINING THE NEXT GENERATION THAT WILL BE CAPABLE OF GROWING ULTRA-HIGH PURITY MATERIALS	1,465,146.

ATTACHMENT 21 (CONT'D)

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

RECIPIENT NAME AND ADDRESS

PURPOSE OF GRANT OR CONTRIBUTION

AMOUNT

TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
418 CURIE BOULEVARD
PHILADELPHIA, PA 19104

TO SUPPORT THE DESIGN, PILOT, AND EVALUATION OF A NEW CARE DELIVERY MODEL FOR OLDER ADULTS WITH MULTIPLE CHRONIC CONDITIONS – A COMBINATION OF THE PATIENT CENTERED MEDICAL HOME (PCMH) AND THE TRANSITIONAL CARE MODEL (TCM). THE GOALS OF THE PILOT ARE TO DEMONSTRATE POSITIVE TRENDS IN PATIENT OUTCOMES, PATIENT SATISFACTION, CAREGIVERS' AND HEALTH TEAMS' SATISFACTION, AND TO DETERMINE WHETHER TO PROCEED TO A LARGE SCALE STUDY OF THE NEW MODEL.

TO ENHANCE AWARENESS, SUPPORT, AND UNDERSTANDING AMONG GOVERNMENTS BY CREATING ENABLING CONDITIONS TO INCREASE ANNUAL BUDGETS FOR PROTECTED AREAS (PAS) AND STRENGTHEN LONG TERM PROCESSES FOR SUPPORTING FA SYSTEMS THROUGH NATIONAL-LEVEL FINANCING STRATEGIES

TO DEVELOP PRINCIPLES FOR MONITORING AND EVALUATING MARINE SPATIAL PLANNING AND SYNTHESIZE THOSE PRINCIPLES INTO A GUIDEBOOK FOR PRACTITIONERS

TO DEVELOP PRINCIPLES FOR MONITORING AND EVALUATING MARINE SPATIAL PLANNING AND SYNTHESIZE THOSE PRINCIPLES INTO A GUIDEBOOK FOR PRACTITIONERS

IN SUPPORT OF COORDINATION AND INTEGRATION OF EARTHQUAKE EARLY WARNING

GRANT ACTIVITIES CONDUCTED AT THE CALIFORNIA INSTITUTE OF TECHNOLOGY, UNIVERSITY OF CALIFORNIA AT BERKELEY, AND UNIVERSITY OF WASHINGTON TO DEVELOP A WEST COAST PROTOTYPE EARTHQUAKE EARLY WARNING SYSTEM CAPABLE OF PROVIDING ROBUST ADVANCE WARNING RANGING FROM TENS OF SECONDS TO MINUTES, AND OF THE

NONE

EXECUTIVE ORDER

NONE

EXECUTIVE ORDER

CITY OF KNOWLEDGE 10017

PANAMA CITY

PANAMA

PARIS

FRANCE

UNITED STATES GEOLOGICAL SURVEY

1, RUE MOLLIS 75015

UNITED NATIONS

PARIS

FRANCE

CITY OF KNOWLEDGE 10017

PANAMA CITY

PANAMA

PARIS

FRANCE

UNITED STATES GEOLOGICAL SURVEY

1, RUE MOLLIS 75015

UNITED NATIONS

PARIS

FRANCE

NONE

360,000.

444,959.

190,545

200,000.

FORM 990PF - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RECIPIENT NAME AND ADDRESS		RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
12201 SUNRISE VALLEY DRIVE RESTON, VA 20192	GOVERNMENTAL UNIT	NONE GOVERNMENTAL UNIT	SIZE, EXTENT AND TIMING OF IMMINENT EARTHQUAKES TO DESIGN A WILD SALMON CENTER OF EXCELLENCE	287,301
UNIVERSITY OF ALASKA P. O. BOX 757500 FAIRBANKS, AK 99775	NONE GOVERNMENTAL UNIT	NONE 501(C) (3) 509(A) (1)	TO SUPPORT RESEARCH AIMED AT IDENTIFYING OPTIMAL WATER QUALITY CONDITIONS FOR GROWING SALMON IN RECIRCULATING AQUACULTURE SYSTEMS.	276,686
UNIVERSITY OF BRITISH COLUMBIA 2424 MAIN MALL V6T1Z4 VANCOUVER BC CANADA	NONE GOVERNMENTAL UNIT	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF RESEARCH USING MOLECULAR AND EXPERIMENTAL APPROACHES TO SHED LIGHT ON COMMON YET POORLY UNDERSTOOD NUTRITIONAL MODES OF MICROBIAL EUKARYOTES	730,785.
UNIVERSITY OF BRITISH COLUMBIA 3529 UNIVERSITY BLVD V6T 1Z4 VANCOUVER BC CANADA	NONE GOVERNMENTAL UNIT	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF ENABLING NEW WAYS FOR SCIENTISTS TO MANAGE, ANALYZE, INTEGRATE AND SHARE THEIR DATA BY PROVIDING A PERSISTENT INTERNET-BASED HOME FOR SCIENTIFIC DATASETS IN THE OPEN SCIENCE DATA CLOUD. FUNDING SUPPORTS THE DEVELOPMENT AND OPERATION OF A HOSTED INFRASTRUCTURE SPECIFICALLY CONFIGURED FOR SCIENTIFIC DATA THAT WILL ALLOW SCIENTISTS TO BETTER HANDLE THE DELUGE OF NEW DATASETS FROM A VARIETY OF DISCIPLINES	896,507
UNIVERSITY OF CHICAGO #3-4310 10TH AVENUE V9Y 4X4 PORT ALBERTI BC CANADA	NONE GOVERNMENTAL UNIT	NONE 501(C) (3) 509(A) (1)		

ATTACHMENT 21 (CONT'D)

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

RECIPIENT NAME AND ADDRESS

UNIVERSITY OF CHICAGO
5734 SOUTH ELLIS AVENUE
CHICAGO, IL 60637

AMOUNT

1,226,561

IN SUPPORT OF RESEARCH THAT ADDRESSES HOW NUTRIENT AVAILABILITY AFFECTS VIRAL DYNAMICS, THE CONTRIBUTIONS OF VIRAL GENES TO NUTRIENT UPTAKE BY THE HOSTS DURING INFECTION, AND THE CHEMICAL COMPOSITION OF NUTRIENTS RELEASED FROM HOST CELLS DURING VIRAL INFECTION.

UNIVERSITY OF EAST ANGLIA
NORWICH RESEARCH PARK NR4 7TJ
NORWICH
FRANCE

IN SUPPORT OF DEVELOPING AN OPEN-SOURCE SMART PHONE APPLICATION THAT WILL MAKE IT EASIER FOR RESEARCHERS TO RECORD THE CONTEXTUAL INFORMATION THAT DESCRIBES A HABITAT.

UNIVERSITY OF FLORIDA
PO BOX 110430
GAINESVILLE, FL 32611-0430

IN SUPPORT OF DEVELOPING AND APPLYING CUTTING-EDGE MOLECULAR ECOLOGY METHODS TO CREATE A DEEPER UNDERSTANDING OF HOW MICROORGANISMS THAT RELY ON SMALL CARBON MOLECULES FOR FOOD ARE ACTIVE IN DEEP AND SHALLOW MARINE HABITATS

UNIVERSITY OF FLORIDA
GOVERNMENT UNIT
PO BOX 110430
GAINESVILLE, FL 32611-0430

FOR CONSOLIDATING SIX GRADUATE PROGRAMS IN ENVIRONMENTAL LAW, CONSERVATION, SUSTAINABLE DEVELOPMENT AND PROTECTED AREA MANAGEMENT AT THREE REGIONAL UNIVERSITIES IN THE BRAZILIAN AMAZON, AND TRAINING REGIONAL CONSERVATION LEADERS AT THE M.S., PH.D., AND PROFESSIONAL LEVEL AT THE UNIVERSITY OF FLORIDA. OUTPUTS WILL SUPPORT HIGHER LEVEL OUTCOMES OF IMPROVED EFFECTIVE MANAGEMENT IN AMAZONIAN PROTECTED AREAS, INCREASED EFFECTIVENESS OF LEGAL MECHANISMS FOR THE REDUCTION OF DEFORESTATION, AND INNOVATIVE CONSERVATION LEADERSHIP

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
UNIVERSITY OF GEORGIA FOUNDATION 394 SOUTH MILLEDGE AVE ATHENS, GA 30602	NONE 501(C) (3) 509 (A) (1)	FOR RESEARCH IN THE LABORATORY OF SENIOR INVESTIGATOR DR MARY ANN MORAN ON THE GENETIC UNDERPINNINGS OF BACTERIAL SULFUR AND CARBON CYCLING IN THE COASTAL OCEAN, UNDERSTAND THE ROLE OF MARINE BACTERIA IN SUSTAINING PRODUCTIVITY OF THE COASTAL OCEAN AND THE FORMATION AND FLUX OF CLIMATICALLY ACTIVE GASES CONTAINING SULFUR AND CARBON	313,128
UNIVERSITY OF GEORGIA RESEARCH FOUNDATION INC 617 BOYD GRADUATE STUDIES RESEARCH CTR ATHENS, GA 30602	NONE 501(C) (3) 509 (A) (1)	IN SUPPORT OF DEVELOPING A SYSTEMS-LEVEL UNDERSTANDING OF MICROBIALLY MEDIATED ELEMENTAL CYCLES ALONG THE LOWER REACH OF THE AMAZON RIVER AND ITS MARINE PLUME. THIS INTEGRATIVE PROGRAM WILL COLLECT MICROBIAL COMMUNITY STRUCTURE AND FUNCTION DATA ALONG THE RIVER-TO-OCEAN CONTINUUM AND DEVELOP A NOVEL MODEL THAT INCORPORATES THESE DATA WITH OTHER BIOLOGICAL, CHEMICAL AND PHYSICAL INFORMATION, TO ENABLE PREDICTIONS OF CARBON SEQUESTRATION AS A FUNCTION OF THE DYNAMIC CHEMICAL COMPOSITION OF THE AMAZON RIVER	410,999.
UNIVERSITY OF GEORGIA RESEARCH FOUNDATION INC 617 BOYD GRADUATE STUDIES RESEARCH CTR ATHENS, GA 30602	NONE 501(C) (3) 509 (A) (1)	IN SUPPORT OF COLLECTING DATA FOR AND TESTING A COMPUTATIONAL BIOGEOCHEMISTRY AND FOOD WEB MODEL OF THE MICROBIAL AND GEOCHEMICAL DYNAMICS OF THE AMAZON RIVER AND ITS MARINE PLUME. THE NEW MODEL USES A UNIQUE APPROACH FOR INCORPORATING MICROBIAL STRUCTURE AND FUNCTION DATA, AND, IF SUCCESSFUL, COULD BE OF BROAD UTILITY TO MICROBIAL ECOLOGISTS BY ENHANCING THEIR PREDICTIVE CAPABILITIES REGARDING THE INTERPLAY OF MARINE MICROBIAL COMMUNITIES AND BIOGEOCHEMICAL CYCLING	264,363

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
UNIVERSITY OF GUELPH 579 GORDON ST. N1G 2W1 GUELPH ON CANADA	NONE EQUIV US PC	TO SUPPORT THE DEVELOPMENT OF PROTOCOLS THAT WILL ENABLE THE COST-EFFECTIVE RECOVERY OF INSECT DNA BARCODE RECORDS FROM OLD MUSEUM SPECIMENS.	256,750
UNIVERSITY OF HAWAII FOUNDATION 2444 DOLE STREET, BACHMAN HALL 105 HONOLULU, HI 96822-2388	NONE 501 (C) (3) 509 (A) (1)	FOR CONTINUED RESEARCH IN THE LABORATORY OF SENIOR INVESTIGATOR DR DAVID M KARL. THE OBJECTIVES OF THIS GRANT ARE TO QUANTIFY SOLAR ENERGY CAPTURE AND TRANSDUCTION, AND TO IMPROVE UNDERSTANDING OF ESSENTIAL BIO-ELEMENTAL CYCLES AND SEQUESTRATION OF ATMOSPHERIC CARBON BY THE MICROBIALLY-MEDIATED OCEANIC BIOLOGICAL CARBON PUMP	379,695
UNIVERSITY OF HAWAII FOUNDATION 2444 DOLE STREET, BACHMAN HALL 105 HONOLULU, HI 96822-2388	NONE 501 (C) (3) 509 (A) (1)	FOR THE HAWAII MICROBIAL OCEANOGRAPHY SUMMER COURSE, ONE OF FIVE COUPLED GRANTS THAT WILL TRAIN THE NEXT GENERATION OF MICROBIAL ECOLOGISTS IN NON-TRADITIONAL, IMMERSIVE ACADEMIC ENVIRONMENTS THAT EMPHASIZE CROSS-DISCIPLINARY COLLABORATION AND CUTTING-EDGE ANALYTICAL TECHNIQUES.	110,455
UNIVERSITY OF HAWAII FOUNDATION 2444 DOLE STREET, BACHMAN HALL 105 HONOLULU, HI 96822-2388	NONE	TO SUPPORT THE DESIGN AND DEVELOPMENT OF A MOBILE SCIENCE LABORATORY, A NEW LEARNING ENVIRONMENT THAT WILL STIMULATE SCIENCE EDUCATION ACROSS HAWAII. FUNDING WILL BE USED TO DESIGN AND CONSTRUCT THE MOBILE SCIENCE LEARNING PLATFORM, DEVELOP CURRICULUM, TRAINING AND STAFFING PLANS, TRANSPORT	437,029

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
2444 DOLE STREET, BACHMAN HALL 105 HONOLULU, HI 96822-2388	501 (C) (3) 509 (A) (1)	AND IMPLEMENT THE LAB IN A VARIETY OF COMMUNITIES, AND EVALUATE THE PROJECT'S EFFECTIVENESS	
UNIVERSITY OF MASSACHUSETTS BOSTON 100 MORRISSEY BLVD BOSTON, MA 02125	NONE GOVERNMENTAL UNIT	IN SUPPORT OF EFFORTS TO STRENGTHEN THE RELATIONSHIPS BETWEEN KEY ACTORS FROM THE ACADEMIC, DEFENSE, NGO, AND PRIVATE SECTOR COMMUNITIES ADDRESSING THE HUMAN AND NATIONAL SECURITY THREATS EMERGING FROM CLIMATE-INDUCED CHANGES IN MARINE AND COASTAL ECOSYSTEMS.	258,716.
UNIVERSITY OF NORTH CAROLINA CB #3280, COKER HALL CHAPEL HILL, NC 27599-3280	NONE GOVERNMENTAL UNIT	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF JEFF DANGL.	333,333
UNIVERSITY OF OREGON 119 HENDRICKS HALL, 1209 UNIVERSITY OF OREGON EUGENE, OR 97403	NONE GOVERNMENTAL UNIT	TO SUPPORT A STUDY OF HOW PATIENT ACTIVATION CHANGES OVER TIME, THE RELATIONSHIP BETWEEN CHANGES IN PATIENT ACTIVATION AND HEALTH INDICATORS, AND HOW PHYSICIAN BELIEFS AND BEHAVIORS MAY BE ASSOCIATED WITH CHANGES IN ACTIVATION OVER TIME.	500,000.
UNIVERSITY OF PITTSBURGH OFFICE OF THE COMPTROLLER 3939 O HARA ST , SUITE 201A PITTSBURGH, PA 15260	NONE 501 (C) (3) 509 (A) (1)	TO DEVELOP AND DISSEMINATE KNOWLEDGE ABOUT HOW TO EFFECTIVELY SUPPORT SCIENCE LEARNING FOR CHILDREN AND ACCOMPANYING MEASUREMENT TOOLS.	1,800,090.
UNIVERSITY OF SOUTHERN CALIFORNIA	NONE	FOR THE GEOBIOLOGY SUMMER COURSE, ONE OF FIVE COUPLED GRANTS THAT WILL TRAIN THE NEXT GENERATION OF MICROBIAL ECOLOGISTS IN NON-TRADITIONAL, IMMERSIVE ACADEMIC ENVIRONMENTS THAT EMPHASIZE CROSS-DISCIPLINARY	68,613

FORM 990PF - PART A - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

RECIPIENT NAME AND ADDRESS

3651 TROUSDALE PKWY
LOS ANGELES, CA 90089

UNIVERSITY OF SOUTHERN CALIFORNIA
3616 TROUSDALE PARKWAY AHF 301
LOS ANGELES, CA 90089-0371

UNIVERSITY OF VICTORIA
PO BOX 3060 V8W 3R4
VICTORIA
BC
CANADA

UNIVERSITY OF WASHINGTON
BOX 357940
SEATTLE, WA 98195-7940

FOUNDATION STATUS OF RECIPIENT

501 (C) (3) 509 (A) (2)

NONE
501 (C) (3) 509 (A) (2)

NONE
501 (C) (3) 509 (A) (1)

NONE
GOVERNMENT UNIT

UNIVERSITY OF WASHINGTON

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

PURPOSE OF GRANT OR CONTRIBUTION

AMOUNT

COLLABORATION AND CUTTING-EDGE
ANALYTICAL TECHNIQUES.

IN SUPPORT OF GENERATING NEW FUNDAMENTAL
UNDERSTANDING OF HOW MARINE MICROBES THAT USE
BOTH ANIMAL-LIKE AND PLANT-LIKE NUTRITIONAL MODES
THRIVE IN MARINE ECOSYSTEMS, AND THEIR ECOLOGICAL
SIGNIFICANCE IN OCEANIC FOOD WEBS

IN SUPPORT OF THE WATER SUSTAINABILITY PROJECT
AT THE UNIVERSITY OF VICTORIA'S POLIS PROJECT
ON ECOLOGICAL GOVERNANCE. FUNDING WILL BE USED
TO DEVELOP AND REFINER GOVERNANCE AND POLICY
REFORM OPTIONS FOR SUSTAINABLE WATER RESOURCE
MANAGEMENT IN BRITISH COLUMBIA

FOR RESEARCH IN THE LABORATORY OF
SENIOR INVESTIGATOR DR E. VIRGINIA
ARMBRUST TO UNDERSTAND HOW MARINE
DIATOMS RESPOND AND ADAPT TO ENVIRONMENTAL
CHANGE THE OBJECTIVES ARE TO INVESTIGATE THE
ROLE OF THE ENVIRONMENT IN MAINTAINING DIATOM
DIVERSITY AND, IN TURN, THE ROLE OF
DIATOMS IN MAINTAINING MARINE ECOSYSTEMS

TO INCREASE AWARENESS, KNOWLEDGE, AND PRACTICAL
USAGE OF MODERN DATA INTENSIVE SCALABLE COMPUTING
AND LARGE SCALE DATA MANAGEMENT TECHNIQUES AMONG
DOMAIN SCIENTISTS. FUNDING WILL SUPPORT
DEPLOYMENT OF STATE-OF-THE-ART SCALABLE DATA
MANAGEMENT TECHNOLOGIES SUCH AS PARALLEL
RELATIONAL DATABASES, PARALLEL DATA ANALYSIS
FRAMEWORKS, AND CLOUD COMPUTING SERVICES TO

728,744

177,932

400,457.

73,612.

FORM 990DE, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RECIPIENT NAME AND ADDRESS		RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
301 GERBERDING HALL, MAILBOX 351237 SEATTLE, WA 98195-1237		GOVERNMENT UNIT	SOLVE EMERGING DATA-INTENSIVE SCIENCE PROBLEMS	
UNIVERSITY OF WASHINGTON BOX 351800 SEATTLE, WA 98195		NONE GOVERNMENT UNIT	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF KEIKO TORII	333,333
UNIVERSITY OF WASHINGTON BOX 357940 SEATTLE, WA 98195-7940		NONE GOVERNMENT UNIT	IN SUPPORT OF DEVELOPING A STRATEGY AND IMPLEMENTATION PLAN TO CATALYZE THE CREATION OF A DURABLE NETWORK OF STUDENTS, LOCAL COMMUNITIES, AND SCIENTISTS TO COLLECT DATA THAT DOCUMENT THE LONG-TERM CHANGES IN THE PHYSICAL, CHEMICAL, AND BIOLOGICAL PROPERTIES OF THE AMAZON RIVER AND THE ECOSYSTEM SERVICES THEY AFFORD	350,000.
UNIVERSITY SYSTEM OF MARYLAND 2181 SAMUEL J. LEFRAK HALL COLLEGE PARK, MD 20742		NONE GOVERNMENT UNIT	IN SUPPORT OF THE UNIVERSITY OF MARYLAND AND THE US GEOLOGICAL SERVICE TO CREATE GLOBAL 30- METER SPATIAL RESOLUTION FOREST COVER PRODUCTS AND TO DEVELOP PROTOTYPE PRODUCTS COVERING OTHER EARTH SURFACES	699,151.
VANDERBILT UNIVERSITY		NONE	IN SUPPORT OF A PORTFOLIO OF NATIONAL NURSING WORKFORCE RESEARCH USING THREE NATIONAL DATASETS, WITH THE GOAL OF DEVELOPING IMPROVED EMPIRICAL ESTIMATES OF FUTURE NATIONAL AND REGIONAL REGISTERED NURSING WORKFORCE NEEDS. THE RESEARCH WILL PROVIDE NEW ESTIMATES OF THE FACTORS THAT AFFECT RN LABOR FORCE PARTICIPATION AND WILL UPDATE ESTIMATES OF THE FUTURE SUPPLY OF PNS THE	176,100.

ATTACHMENT 21 (CONT'D)

FORM G-000E - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
1400 18TH AVENUE SOUTH, 3RD FLOOR NASHVILLE, TN 37212	501 (C) (3) 509 (A) (1)	FINDINGS FROM THIS RESEARCH WILL BE SUBMITTED TO PEER-REVIEWED JOURNALS AND DISSEMINATED NATIONALLY	
VANDERBILT UNIVERSITY 1400 18TH AVENUE SOUTH, 3RD FLOOR NASHVILLE, TN 37212	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT RESEARCH ON THE ROLE OF NURSE PRACTITIONERS (NPS) IN PRIMARY CARE, LEADING TO THE LONG-TERM OUTCOME OF AN INCREASED UNDERSTANDING OF THE CURRENT AND POTENTIAL ROLE OF NPS IN PROVIDING PRIMARY CARE.	58,738
VETERANS HEALTH ADMINISTRATION 3801 MIRANDA AVENUE PALO ALTO, CA 94304	NONE GOVERNMENTAL UNIT	IN SUPPORT OF WORK TO ACHIEVE AND SUSTAIN A 30% REDUCTION IN 30-DAY READMISSIONS AND A 15% REDUCTION IN 90-DAY READMISSIONS FOR PATIENTS DISCHARGED FROM THE ACUTE INPATIENT UNITS AT THE HOSPITAL.	436,509
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY 313 CHEATHAM HALL BLACKSBURG, VA 24061	NONE GOVERNMENT UNIT	TO SUPPORT EFFICIENCY AND TRANSPARENCY IN TIMBER PRODUCTION BY COMMUNITIES IN TAPAJOS NATIONAL FOREST, PARA, BRAZIL, AND THE ESTABLISHMENT OF AN AGRICULTURAL COOPERATIVE THAT WILL PROVIDE INCENTIVES FOR BEST PRACTICES IN CATTLE AND AGRICULTURAL PRODUCTION IN THE SOUTHEASTERN BRAZILIAN AMAZON.	191,863.
VMC FOUNDATION 2400 MOORPARK AVE., SUITE 207 SAN JOSE, CA 95128	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF IMPLEMENTATION AND EVALUATION OF A TRANSITIONAL CARE PROGRAM FOR HEART FAILURE PATIENTS. THE GOAL OF THE PROGRAM IS TO ACHIEVE AND SUSTAIN A 30% REDUCTION IN THE 30-DAY AND A 15% REDUCTION IN 90-DAY ALL-CAUSE READMISSION RATES FOR PATIENTS WITH HEART FAILURE	360,000.

ATTACHMENT 21 (CONT'D)

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT		PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
	FOUNDING STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION		
WAGENINGEN UNIVERSITY WAGENINGEN CAMPUS 6706 PB WAGENINGEN NETHERLANDS	NONE EQUIV US PC	TO ENABLE KEY INSTITUTIONS AND PROJECTS IN PARA STATE, BRAZIL TO USE CLOUD-FREE RADAR IMAGES TO ASSESS AND MONITOR FOREST COVER	250,016.	
WATERSHED WATCH SALMON SOCIETY 1037 MADORRE AVENUE V3K 3B7 COQUITLAM BC CANADA	NONE EQUIV US PC	IN SUPPORT OF ADVANCING THE IMPLEMENTATION OF THE PACIFIC WILD SALMON POLICY IN BRITISH COLUMBIA, AS WELL AS IN APPLYING RIGOROUS SCIENCE AND MONITORING TO THE MITIGATION OF FISH FARM IMPACTS ON WILD SALMON.	146,700.	
WESTCOAST AQUATIC MANAGEMENT ASSOCIATION #3-4310 10TH AVENUE V9Y 4X4 PORT ALBERNI BC CANADA	NONE EQUIV US PC	TO SUPPORT PROGRESS TOWARDS IMPLEMENTATION OF A MARINE SPATIAL PLAN FOR THE WEST COAST VANCOUVER ISLAND.	522,583.	
WIKIMEDIA FOUNDATION INC 149 NEW MONTGOMERY STREET, 3RD FLOOR SAN FRANCISCO, CA 94105	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF THE DEVELOPMENT OF WIKIDATA, A NEW DATA SERVICE AND SOFTWARE TOOL WITHIN THE WIKIMEDIA SUITE OF PRODUCTS, WHICH WILL ENABLE THE MANAGEMENT AND ANALYSIS OF HETEROGENEOUS DATA TABLES LINKED WITH WIKI CONTENT	449,636.	
WILD SALMON CENTER 721 NW NINTH AVE, SUITE 280 PORTLAND, OR 97209	NONE 501(C) (3) 509(A) (1)	TO SUPPORT THE CONSERVATION OF WILD SALMON AND WILD SALMON HABITAT IN KAMCHATKA, RUSSIA.	206,000	
WILD SALMON CENTER 721 NW NINTH AVE, SUITE 280 PORTLAND, OR 97209	NONE 501(C) (3) 509(A) (1)	TO SUPPORT CONSERVATION OF WILD SALMON AND WILD SALMON HABITAT IN KAMCHATKA, RUSSIA	752,293	

ATTACHMENT 21 (CONT'D.)

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

RECIPIENT NAME AND ADDRESS

FOUNDATION STATUS OF RECIPIENT

PURPOSE OF GRANT OR CONTRIBUTION

AMOUNT

WILD SALMON CENTER
721 NW NINTH AVE, SUITE 280
PORTLAND, OR 97209

NONE

501 (C) (3) 509 (A) (1)

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

PURPOSE OF GRANT OR CONTRIBUTION

AMOUNT

IN SUPPORT OF THE STATE OF THE SALMON PROGRAM
TO INCREASE THE TRANSPARENCY OF SALMON MANAGEMENT
DECISIONS AND TO HELP BUILD INCENTIVES FOR
FISHERIES REFORM

1,167,028

NONE

501 (C) (3) 509 (A) (1)

IN SUPPORT OF SECURING PROTECTED AREA
EFFECTIVE MANAGEMENT IN THE GREATER
MADIDI-TAMBOPATA LANDSCAPE IN BOLIVIA,
THE SAMIRIA-YAVARI LANDSCAPE IN PERU,
THE YASINI-NAFO LANDSCAPE IN ECUADOR,
THE CAURA LANDSCAPE IN VENEZUELA, AND
THE SOUTHERN COLOMBIAN PIEDMONT, AND
DEVELOPING MONITORING AND ADAPTIVE
MANAGEMENT APPROACHES FOR THE LORETO
REGIONAL PROTECTED AREAS SYSTEM, PERU
AND THE AMAZONAS STATE PROTECTED AREA
SYSTEM, BRAZIL

1,227,540.

NONE

501 (C) (3) 509 (A) (1)

TO DEVELOP AND CONSOLIDATE NATIONAL AND
REGIONAL PROTECTED AREA MONITORING
PROGRAMS IN BOLIVIA, PERU, ECUADOR,
COLombIA, AND BRAZIL, TO CONTINUE
IMPLEMENTING MANAGEMENT AND
INFRASTRUCTURE MITIGATION PRACTICES IN
PROTECTED AREAS OF THE MADIDI LANDSCAPE
IN BOLIVIA, AND TO INTEGRATE PROTECTED
AREA MANAGEMENT PLANS WITH MUNICIPAL
AND STATE LEVEL DEVELOPMENT PLANS IN
PASTAZA, ECUADOR AND LORETO, PERU.

1,593,230.

NONE

501 (C) (3) 509 (A) (1)

WILDLIFE CONSERVATION SOCIETY
#300 - 1682 WEST 7TH AVE CANADA
VANCOUVER
BC

WILDLIFE CONSERVATION SOCIETY
#300 - 1682 WEST 7TH AVE CANADA
VANCOUVER
BC

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

RECIPIENT NAME AND ADDRESS
 WILDLIFE CONSERVATION SOCIETY
 2300 SOUTHERN BOULEVARD
 BRONX, NY 10460

NONE
 501 (C) (3) 509 (A) (1)

PURPOSE OF GRANT OR CONTRIBUTION

AMOUNT

TO ENHANCE THE SOCIO-ENVIRONMENTAL POLICIES AND PRACTICES USED IN THE PLANNING AND IMPLEMENTATION OF LARGE-SCALE DAMS IN THE PERUVIAN AMAZON THROUGH THE APPLICATION OF AN INTEGRATED RIVER BASIN MANAGEMENT APPROACH, USING THE INAMBARI/MADRE DE DIOS BASIN IN THE AMAZONIAN HEADWATERS REGION AS A PILOT CASE. THIS APPROACH ENCOMPASSES THE DEVELOPMENT OF A WATERSHED-LEVEL, SCIENTIFIC UNDERSTANDING OF WATERS, WETLANDS, BASINS, AND AQUATIC BIODIVERSITY DYNAMICS AND A ROBUST STRATEGIC ENVIRONMENTAL IMPACT ASSESSMENT AND MITIGATION FRAMEWORK FOR DAMS, AS WELL AS ITS SUBSEQUENT DISSEMINATION AS AN EXEMPLARY CASE FOR USE IN OTHER ANDES-AMAZON WATERSHEDS THREATENED BY NEW DAM CONSTRUCTION.	600,000.
TO SUPPORT THE ENHANCEMENT OF THE CONSERVATION TRUST FUND INVESTMENT SURVEY IN ORDER TO IMPROVE THE EFFECTIVENESS AND INCREASE FUNDING OF CONSERVATION TRUST FUNDS.	220,000
IN SUPPORT OF ADVANCES IN IMAGING INFORMATICS IN THE FIELD OF OCEANOGRAPHY. FUNDING SUPPORTS NEW KNOWLEDGE ABOUT MARINE ECOSYSTEMS THROUGH INNOVATIVE INFORMATICS APPROACHES, WHICH INFUSE DATA INTEGRATION CAPABILITIES INTO OCEAN SENSOR SYSTEMS AND ARE DESIGNED VIA SCIENTIST-INFORMATICIST PARTNERSHIPS	700,000

WILDLIFE CONSERVATION SOCIETY
 2300 SOUTHERN BOULEVARD
 BRONX, NY 10460

NONE
 501 (C) (3) 509 (A) (1)

WOODS HOLE OCEANOGRAPHIC INSTITUTION
 266 WOODS HOLE ROAD
 WOODS HOLE, MA 02543-1052

NONE
 501 (C) (3) 509 (A) (1)

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR
AND

FOUNDATION STATUS OF RECIPIENT

<u>RECIPIENT NAME AND ADDRESS</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
WOODS HOLE OCEANOGRAPHIC INSTITUTION 266 WOODS HOLE ROAD WOODS HOLE, MA 02543-1052	TO ENABLE A GREATER UNDERSTANDING OF TRACE METALS AND METALLOENZYMES IN OCEANIC BIOGEOCHEMICAL CYCLES BY COMBINING CUTTING-EDGE PROTEOMIC TOOLS WITH TRACE METAL ANALYSIS TECHNIQUES, THIS PROJECT AIMS TO ADVANCE THE UNDERSTANDING OF BIOGEOCHEMICAL CYCLES BY IDENTIFYING AND QUANTIFYING THE ABUNDANCE OF KEY MICROBIAL METALLOENZYMES IN OXYGEN MINIMUM ZONES CONCURRENTLY WITH TRACE METAL ANALYSES.	434,541
WOODS HOLE OCEANOGRAPHIC INSTITUTION 266 WOODS HOLE ROAD WOODS HOLE, MA 02543-1052	TO SUPPORT THE ACQUISITION OF DATA ON THE LEVELS AND DISPERSION OF RADIONUCLIDE PRESENT IN THE OCEAN OFF THE FUKUSHIMA NUCLEAR POWER PLANT (NEP). FUNDING WILL BE USED TO MEASURE RADIONUCLIDES IN THE WATER COLUMN, TO CONDUCT A RADIOECOLOGICAL STUDY OF PHYTOPLANKTON, ZOOPLANKTON AND KEY FISH SPECIES AND TO OBTAIN PHYSICAL OCEANOGRAPHIC DATA FOR USE WITH MODELS TO PREDICT DISPERSION AND REMOVAL OF CONTAMINANTS OVER TIME	364,660.
WOODS HOLE OCEANOGRAPHIC INSTITUTION 266 WOODS HOLE ROAD WOODS HOLE, MA 02543-1052	IN SUPPORT OF THE DEVELOPMENT OF LABORATORY AND FIELD-BASED EXPERIMENTAL SYSTEMS FOR CHARACTERIZING THE ROLES OF MICROBIAL PHYSIOLOGY, ECOLOGY AND BIOGEOCHEMISTRY IN THE CYCLING OF DISSOLVED ORGANIC MATTER IN THE OLIGOTROPHIC OCEAN.	733,671.
WOODS HOLE OCEANOGRAPHIC INSTITUTION 266 WOODS HOLE ROAD WOODS HOLE, MA 02543-1052	IN SUPPORT OF INVESTIGATING HOW CERTAIN MOLECULES THAT MICROBES USE TO COMMUNICATE WITH ONE ANOTHER INFLUENCE MICROBIAL INTERACTIONS AND NUTRIENT CYCLING IN THE NORTH ATLANTIC OCEAN. THE EFFORT FOCUSES ON HOW SIGNALING MOLECULES INFLUENCE	1,379,885
WOODS HOLE OCEANOGRAPHIC INSTITUTION 266 WOODS HOLE ROAD WOODS HOLE, MA 02543-1052		

FORM 990PF - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
266 WOODS HOLE ROAD WOODS HOLE, MA 02543-1052	501 (C) (3) 509 (A) (1)	THE DYNAMICS OF LABORATORY CULTURES AND NATURAL BLOOMS OF MICROEUKARYOTIC PHYTOPLANKTON (DIATOMS AND COCCOLITHOPHORES) IN THE OCEAN.	345,649.
WOODS HOLE OCEANOGRAPHIC INSTITUTION 266 WOODS HOLE ROAD WOODS HOLE, MA 02543-1052	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF DEVELOPING NEW PROTOCOLS TO DETECT THE PRODUCTS OF MICROBIAL METABOLISM IN SEAWATER TO UNDERSTAND THE INFLUENCE OF MARINE MICROBIAL COMMUNITIES AND THEIR ACTIVITIES ON THE CHEMICAL COMPOSITION OF THEIR SURROUNDINGS	25,000.
WOODS HOLE RESEARCH CENTER INC. 149 WOODS HOLE RESEARCH CENTER FALMOUTH, MA 02543-1052	NONE 501 (C) (3) 509 (A) (1)	CO-MANAGEMENT OF LOWER AMAZON FLOODPLAIN ECOSYSTEMS. THE PROJECT WILL BE EXECUTED IN KEY LOWER AMAZONIAN MUNICIPALITIES BY LOCAL COMMUNITIES AND OTHER STAKEHOLDERS IN COLLABORATION WITH MUNICIPAL, STATE AND FEDERAL GOVERNMENT AGENCIES, ENHANCING THE PROTECTION OF NATURAL RESOURCES AND BIODIVERSITY WHILE ADDRESSING THE LIVELIHOOD NEEDS OF RESIDENT POPULATIONS.	1,402,711.
WOODS HOLE RESEARCH CENTER INC. 149 WOODS HOLE RESEARCH CENTER FALMOUTH, MA 02543-1052	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE NATIONAL GOVERNMENT OF BRAZIL'S RECENT COMMITMENT WITHIN UN CLIMATE TREATY NEGOTIATIONS TO REDUCE EMISSIONS FROM LAND USE	683,150.
WOODS HOLE RESEARCH CENTER INC #300 - 1682 WEST 7TH AVE CANADA VANCOUVER BC		IN SUPPORT OF THE WOODS HOLE RESEARCH CENTER TO IMPROVE THE UNDERSTANDING OF ECOSYSTEM RESPONSES TO CHANGING CLIMATE, FIRE AND LAND USE IN THE WESTERN AMAZON.	

ATTACHMENT 21_1CONT.DL

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

PURPOSE OF GRANT OR CONTRIBUTION

AMOUNT

RECIPIENT NAME AND ADDRESS WORLD WILDLIFE FUND CANADA #1588 - 409 GRANVILLE STREET V6C 1T2 VANCOUVER BC CANADA	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR NONE	FOUNDATION STATUS OF RECIPIENT 501 (C) (3) 509 (A) (1)	PURPOSE OF GRANT OR CONTRIBUTION TO ADVANCE CONDITIONS AND RELATIONSHIPS THAT FACILITATES HEALTHY OCEANS AND THE USE OF MARINE SPATIAL PLANNING IN CANADA	AMOUNT 630,988.
WORLD WILDLIFE FUND CANADA #1588 - 409 GRANVILLE STREET V6C 1T2 VANCOUVER BC CANADA	NONE	501 (C) (3) 509 (A) (1)	FOR THE DEVELOPMENT OF SCIENCE AND MANAGEMENT TOOLS AND BUSINESS AND ECONOMIC SOLUTIONS TO ADVANCE MARINE SPATIAL PLANNING IN SUPPORT OF THE PACIFIC NORTH COAST INTEGRATED MANAGEMENT AREA INITIATIVE	175,205
WORLD WILDLIFE FUND CANADA #1588 - 409 GRANVILLE STREET V6C 1T2 VANCOUVER BC CANADA	NONE	501 (C) (3) 509 (A) (1)	TO SUPPORT EFFORTS TO IMPROVE PROTECTION OF ECOLOGICAL FLOWS TO ADDRESS THE CUMULATIVE EFFECTS OF WATER DIVERSION ON BRITISH COLUMBIA'S WILD SALMON WATERSHEDS.	189,161
WORLD WILDLIFE FUND CANADA #1588 - 409 GRANVILLE STREET V6C 1T2 VANCOUVER BC CANADA	NONE	501 (C) (3) 509 (A) (1)	IN SUPPORT OF CONSERVATION OF WILD SALMON AND WILD SALMON HABITAT IN KAMCHATKA, RUSSIA	689,046.
WORLD WILDLIFE FUND, INC 1250 24TH STREET, N W P.O. BOX 97180 WASHINGTON, DC 20090-7180	NONE	501 (C) (3) 509 (A) (1)	TO SUPPORT PHASE III OF THE WORLD WILDLIFE FUND'S AMAZON HEADWATERS INITIATIVE AIMED AT PROTECTING AND EFFECTIVELY MANAGING LARGE BLOCKS OF PROTECTED AREAS IN THE SOUTHWESTERN HEADWATERS OF THE AMAZON BASIN. SPECIFICALLY, THIS GRANT WILL ACHIEVE THE BASIC CONSOLIDATION OF 10 PRIORITY PROTECTED AREAS COVERING A TOTAL OF 10.4 MILLION HECTARES IN PERU, BOLIVIA AND BRAZIL; THE CREATION OF A NEW PROTECTED AREA IN BRAZIL TOTALING 100,000 HECTARES, AND THE DEVELOPMENT OF FINANCIAL BUSINESS PLANS FOR TWO SITES IN BOLIVIA	499,999

FCCM SCHEDULE - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
1250 24TH STREET, N.W. P.O. BOX 97180 WASHINGTON, DC 20090-7180	501(C) (3) 509 (A) (1)	TOTALING 182,000 HECTARES.	
WORLD WILDLIFE FUND, INC. 1250 24TH STREET, N.W. P.O. BOX 97180 WASHINGTON, DC 20090-7180	NONE 501(C) (3) 509 (A) (1)	TO SECURE FUNDER AND GOVERNMENT COMMITMENTS IN SUPPORT OF THE FINANCIAL SUSTAINABILITY OF THE AMAZON REGION PROTECTED AREAS PROGRAM. OUTPUTS INCLUDE ECOLOGICAL ANALYSES AND DISSEMINATION MATERIALS	495,000
WORLD WILDLIFE FUND, INC. 1250 24TH STREET, N.W. P.O. BOX 97180 WASHINGTON, DC 20090-7180	NONE 501(C) (3) 509 (A) (1)	TO SECURE FUNDER AND GOVERNMENT COMMITMENTS IN SUPPORT OF THE FINANCIAL SUSTAINABILITY OF THE AMAZON REGION PROTECTED AREAS PROGRAM AND PROVIDE TECHNICAL SUPPORT TO BRAZILIAN PROTECTED AREA AGENCIES IN THE REFINEMENT OF MANAGEMENT EFFECTIVENESS INDICATORS	770,757.
WORLD WILDLIFE FUND, INC. 1250 24TH STREET, N.W. P.O. BOX 97180 WASHINGTON, DC 20090-7180	NONE 501(C) (3) 509 (A) (1)	TO COMPLETE IMPLEMENTATION OF PROTECTED AREA MANAGEMENT STRATEGIES, MONITORING, AND SUSTAINABLE FINANCE TOOLS IN EIGHT PROTECTED AREAS COVERING APPROXIMATELY 10.5 MILLION HECTARES IN THE AMAZON HEADWATERS REGION OF PERU, BOLIVIA AND BRAZIL.	1,281,622.
YALE UNIVERSITY SAGE HALL, 205 PROSPECT STREET NEW HAVEN, CT 06511	NONE 501(C) (3) 509 (A) (1)	IN SUPPORT OF THE YALE E360 ONLINE MAGAZINE'S TARGETED COMMUNICATIONS ABOUT CRITICAL ENVIRONMENTAL CONSERVATION TOPICS	399,000
ZOOLOGICAL SOCIETY OF SAN DIEGO	NONE	BY PROVIDING START UP COSTS, THIS GRANT WILL SUPPORT THE REVITALIZATION AND CONSOLIDATION OF THE COCHA CASHU BIOLOGICAL STATION IN MANU NATIONAL PARK, UNDER AN APPROVED CONTRACT WITH THE GOVERNMENT OF PERU. FUNDING WILL BE USED TO UPGRADE INFRASTRUCTURE, ESTABLISH FULL TIME	100,000

ATTACHMENT 21 (CONT'D)

FORM 500-B, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

<u>RECIPIENT NAME AND ADDRESS AND RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR</u>	<u>FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
15600 SAN PASQUAL VALLEY ROAD ESCONDIDO, CA 92027	501 (C) (3) 509 (A) (2)	STAFF, AND DEVELOP AND IMPLEMENT MANAGEMENT AND FUND RAISING PLANS FOR THE STATION	
ACADEMY HEALTH 1150 17TH ST NW, SUITE 600 WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	2,000.
ACADEMY HEALTH 1150 17TH ST NW, SUITE 600 WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE 2012 INTERDISCIPLINARY RESEARCH GROUP ON NURSING ISSUES INTEREST GROUP MEETING	1,500
ALASKA CONSERVATION FOUNDATION 441 WEST 5TH AVENUE, SUITE 402 ANCHORAGE, AK 99501-2340	NONE 501 (C) (3) 509 (A) (1)	TO BOLSTER ALASKA CONSERVATION FOUNDATION'S CAPACITY TO PROVIDE STRATEGIC LEADERSHIP AND SUPPORT FOR ALASKAN WILD SALMON CONSERVATION EFFORTS.	10,000
AMERICAN LITTORAL SOCIETY 16 HARSHORNE DRIVE, SUITE 1 HIGHLANDS, NJ 07732	NONE 501 (C) (3) 509 (A) (2)	TO SUPPORT THE REGIONAL MARINE CONSERVATION PROJECT	8,000
ASSOCIATION FOR TROPICAL BIOLOGY INC 2815 NW 38TH DR. GAINESVILLE, FL 32605	NONE 501 (C) (3) 509 (A) (2)	TO SUPPORT THE 2012 ANNUAL MEETING OF THE ASSOCIATION FOR TROPICAL BIOLOGY AND CONSERVATION, TO BE HELD IN BONITO, MATO GROSSO DO SUL, BRAZIL	20,000.

ATTACHMENT 21 (CONT'D)

FORM 990NPF - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY 1000 OAKLAND DRIVE LANSING, MI 49008	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF CONTINUING DR. CHRISTOPHER KLAUSMEIER'S DEVELOPMENT OF TRAIT-BASED ECOSYSTEM MODELS FOR DEEP-SEA CHEMOSYNTHETIC MICROBIAL COMMUNITIES.	17,000
CALIFORNIA ACADEMY OF SCIENCES 55 MUSIC CONCOURSE DRIVE SAN FRANCISCO, CA 94118	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT SCIENCE HACK DAY 2013 WHICH AIDS TO MAKE SCIENCE DISRUPTIVELY ACCESSIBLE - EMPOWERING PEOPLE FROM A VARIETY OF DIFFERENT BACKGROUNDS TO EXPLORE, PARTICIPATE IN, AND BUILD NEW WAYS OF INTERACTING WITH AND CONTRIBUTING TO SCIENCE.	50,000.
CALIFORNIA COUNCIL OF LAND TRUSTS 1029 K STREET, SUITE 48 SACRAMENTO, CA 95814	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE LARGEST GATHERING OF LAND TRUSTS AND CONSERVATION ORGANIZATIONS IN CALIFORNIA TO ENABLE NETWORKING AND PARTICIPATION IN WORKSHOPS	2,500
CALIFORNIA INSTITUTE FOR NURSING AND HEALTHCARE 663 13TH STREET, SUITE 300 OAKLAND, CA 94612-9996	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF LEADERSHIP DEVELOPMENT	10,000
CALIFORNIA STATE PARKS FOUNDATION 50 FRANCISCO STREET, SUITE 110 SAN FRANCISCO, CA 94133	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT CALIFORNIA STATE PARKS FOUNDATION'S WORK IN TARGETED BAY AREA LOCATIONS TO DEVELOP NEW MODELS OF BUSINESS PLANS AND PARTNERSHIPS THAT CAN HELP UNDERPIN A NEW APPROACH TO SUSTAINING CALIFORNIA STATE PARKS.	25,000
CANADIAN ENVIRONMENTAL GRANTMAKERS NETWORK 215 SPADINA AVENUE M5T 2C7 TORONTO ONTARIO CANADA	NONE EQUIV US PC	TO SUPPORT AN ANNUAL SUSTAINING MEMBERSHIP AND CEGN'S STRATEGIC PLANNING AND PROGRAM DEVELOPMENT.	6,000.

ATTACHMENT 21 (CONT'D.)

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CENTER FOR WHOLE COMMUNITIES 700 BRAGG HILL ROAD FAYSTON, VT 05673	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT ENVIRONMENTAL LEADERSHIP TRAINING AT A 2012 WHOLE THINKING RETREAT.	3,500.
CITY AND COUNTY OF SAN FRANCISCO 1650 MISSION STREET, 5TH FLOOR SAN FRANCISCO, CA 94103	NONE GOVERNMENTAL UNIT	TO SUPPORT ENHANCING SAN FRANCISCO CCTP PROGRAM ENROLLMENT THROUGH STRATEGIC COMMUNICATIONS	20,000
COLD SPRING HARBOR LABORATORY PO BOX 100 ONE BUNGLOW ROAD COLD SPRING HARBOR, NY 11724	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE ATTENDANCE OF EARLY CAREER SCIENTISTS AT ONE OF THE MOST IMPORTANT MEETINGS FOR PLANT BIOLOGY IN 2012.	10,000.
DALLAS COUNTY HOSPITAL DISTRICT 5201 HARRY HINES BLVD DALLAS, TX 75235	NONE GOVERNMENTAL UNIT	TO SUPPORT THE CONVENING OF AN EXTERNAL ADVISORY BOARD TO GIVE INPUT INTO THE PIECES SOFTWARE.	27,000.
DRI RESEARCH FOUNDATION 2215 RAGGIO PARKWAY RENO, NV 89512	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT CNPFE MEASUREMENTS IN OLIGOTROPHIC ORGANISMS	6,000.
DUKE UNIVERSITY P.O. BOX 90600 DURHAM, NC 27708	NONE 501 (C) (3) 509 (A) (1)	FOR THE NATIONAL ECOSYSTEM SERVICES PARTNERSHIP POLICY FORUM ON ADVANCING ECOSYSTEM SERVICES IN FEDERAL RESOURCE MANAGEMENT DECISIONS.	15,000

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

RECIPIENT NAME AND ADDRESS	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
DUKE UNIVERSITY P O BOX 96600 DURHAM, NC 27708	TO SUPPORT THE SESSION TITLED, THE ROLE OF ECOSYSTEM SERVICES IN MANAGEMENT DECISIONS INTERNATIONAL AND STATE GOVERNMENT ACTIVITIES, AT THE ACES CONFERENCE	25,000
ECOLOGICAL SOCIETY OF AMERICA INC 1990 M STREET NW, SUITE 700 WASHINGTON DC, DC 20036	TO SUPPORT THE PUBLICATION OF A SPECIAL ISSUE OF THE JOURNAL FRONTIERS IN ECOLOGY AND THE ENVIRONMENT, TO FOCUS ON ECOSYSTEM-BIODIVERSITY-ECOSYSTEM SERVICES ASSESSMENT.	50,000
ECOTRUST 721 NW NINTH AVENUE SUITE 200 PORTLAND, OR 97209	TO EXPLORE THE CREATION OF AN OCEAN INVESTMENT FUND	5,000.
ENVIRONMENTAL ACTION COMMITTEE OF WEST MARIN P O. BOX 609 POINT REYES STATION, CA 94956	TO SUPPORT THE WORK OF THE ENVIRONMENTAL ACTION COMMITTEE TO ENGAGE AND EDUCATE PEOPLE ON THE IMPORTANCE OF CONSERVING BAY AREA ECOSYSTEMS AND EFFECTIVE WAYS TO DO SO.	20,000
ENVIRONMENTAL DEFENSE FUND, INCORPORATED 257 PARK AVENUE SOUTH NEW YORK, NY 10010	TO SUPPORT INDIGENOUS PEOPLES PARTICIPATION IN THE UNFCCC COP18 IN QATAR AND HOLD AN EVENT ON INDIGENOUS REDD+.	12,000
ENVIRONMENTAL GRANTMAKERS ASSOCIATION 475 RIVERSIDE DRIVE, SUITE 960 NEW YORK, NY 10115	TO PRODUCE A VIDEO FOR THE 2012 ENVIRONMENTAL GRANTMAKERS ASSOCIATION RETREAT.	5,000.

FORM 990PF, PAGE XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
FONDO MEXICANO PARA LA CONSERVACION DE LA NATURALE CALLE DAMAS NO 49 3900 MEXICO CITY MEXICO	NONE 501 (C) (3) 509 (A) (1)	TO DEVELOP A TOOL TO ASSESS MEXICO'S FUTURE MINING DEVELOPMENT FROM A CONSERVATION PERSPECTIVE.	40,000.
FOREST TRENDS ASSOCIATION 1203 18TH STREET, NW, 4TH FLOOR WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT AN INDIGENOUS FUNDERS FOR INDIGENOUS PEOPLES PANEL ON INDIGENOUS RIGHTS IN THE UNITED NATIONS COLLABORATIVE INITIATIVE ON REDUCING EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION (REDD+)	9,325.
FUNDO BRASILEIRO PARA A BIODIVERSIDADE LARGO DO IBAM CEP: 22271 070 RIO DE JANEIRO BRAZIL	NONE EQUIV US PC	IN SUPPORT OF THE 14TH GENERAL ASSEMBLY OF THE LATIN AMERICAN AND CARIBBEAN NETWORK OF ENVIRONMENTAL FUNDS (REDLAC).	20,000
GRANTMAKERS IN HEALTH 1100 CONNECTICUT AVE NW, SUITE 1200 WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	5,500
GRC CONFERENCES 512 LIBERTY LANE WEST KINGSTON, RI 02892	NONE 501 (C) (3) 509 (A) (2)	TO SUPPORT THE JUNE 2012 GORDON RESEARCH CONFERENCE CORRELATIONS AND TOPOLOGY IN ELECTRON SYSTEMS	20,000.
GRC CONFERENCES 512 LIBERTY LANE WEST KINGSTON, RI 02892	NONE 501 (C) (3) 509 (A) (2)	TO SUPPORT THE GORDON RESEARCH CONFERENCE ON PLANT MOLECULAR BIOLOGY.	5,000.

ATTACHMENT 21 (CONT'D)

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
GRC CONFERENCES 512 LIBERTY LANE WEST KINGSTON, RI 02892	NONE 501 (C) (3) 509 (A) (2)	TO SUPPORT THE 2012 MOLECULAR BASIS OF MICROBIAL ONE-CARBON METABOLISM GORDON RESEARCH CONFERENCE	1,000.
HENRY M PAULSON JR INSTITUTE 401 N MICHIGAN AVENUE, SUITE 3100 CHICAGO, IL 60611	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE SECOND ANNUAL CITIES OF THE FUTURE SEMINAR HOSTED BY THE PAULSON INSTITUTE, ENTITLED SUPERCHARGED SOLUTIONS FOR URBAN SUSTAINABILITY IN MODERN CHINA	35,000.
INSTITUTE FOR HEALTHCARE IMPROVEMENT 20 UNIVERSITY ROAD, 7TH FLOOR CAMBRIDGE, MA 02138	NONE 501 (C) (3) 509 (A) (2)	TO SPONSOR AN EXHIBIT AT THE 24TH ANNUAL NATIONAL FORUM ON QUALITY IMPROVEMENT IN HEALTH CARE, DECEMBER 2012	3,100.
INSTITUTE OF INTERNATIONAL EDUCATION INC 809 UNITED NATIONS PLAZA NEW YORK, NY 10017	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT A DISTINGUISHED FULBRIGHT AWARD IN TEACHING	15,000
INTERNATIONAL UNION FOR CONSERVATION OF NATURE 28 RUE MAUVERNEY 1196 GLAND	NONE EXECUTIVE ORDER	TO ADVANCE THE SUSTAINABLE DEVELOPMENT OF THE WORLD'S LARGE MARINE ECOSYSTEMS	6,000.
ISLAND PRESS - CENTER FOR RESOURCE ECONOMICS 1718 CONNECTICUT AVENUE. WASHINGTON, DC 20009	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF THE SILICON VALLEY THOUGHT LEADERS FORUM	43,825.

FORM 990PF - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

<u>RECIPIENT NAME AND ADDRESS</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
J. CRAIG VENTER INSTITUTE INC. 5 RESEARCH PLACE ROCKVILLE, MD 20850	NONE 501 (C) (3) 509 (A) (1) IN SUPPORT OF MANAGING THE IMPLEMENTATION OF THE PHYLOMETAREP GENE EXPRESSION ANALYSIS TOOL INTO THE CAMERA COMPUTING ECOSYSTEM	25,000
JOHNS HOPKINS UNIVERSITY ACCM, 600 N WOLFE STREET BLALOCK 1501 BALTIMORE, MD 21287	NONE 501 (C) (3) 509 (A) (1) TO SUPPORT EFFORTS TO IMPROVE CLINICAL-QUALITY AND PATIENT SAFETY IN HOSPITALS BY CONVENING AN EXPERT GROUP TO IDENTIFY OPPORTUNITIES AND STRATEGIES FOR IMPROVEMENT.	50,000
KEYSTONE SYMPOSIA ON MOLECULAR AND CELLULAR 160 U.S HIGHWAY 6, SUITE 200 SILVERTHORNE, CO 80498	NONE 501 (C) (3) 509 (A) (1) TO ENABLE EARLY CAREER SCIENTISTS TO PARTICIPATE IN SCIENCE PRESENTATIONS	15,000
MOZILLA FOUNDATION 650 CASTRO ST, SUITE 300 MOUNTAIN VIEW, CA 94041	NONE 501 (C) (3) 509 (A) (1) TO CREATE A PROTOTYPE OF AN INTERACTIVE SCIENCE EDUCATION EXPERIENCE	40,000
NATIONAL ACADEMY OF SCIENCES 500 5TH STREET NW (K654) WASHINGTON, DC 20001	NONE 501 (C) (3) 509 (A) (1) IN SUPPORT OF THE ANNUAL ROGER REVELLE COMMEMORATIVE LECTURE	7,500
NATIONAL ACADEMY OF SCIENCES 500 5TH STREET NW (K654) WASHINGTON, DC 20001	NONE 501 (C) (3) 509 (A) (1) IN SUPPORT OF THE ANNUAL ROGER REVELLE COMMEMORATIVE LECTURE	7,500.

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
NATIONAL ACADEMY OF SCIENCES 500 5TH STREET NW WASHINGTON, DC 20001	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE NATIONAL RESEARCH COUNCIL TO DEVELOP A POSITION DOCUMENT THAT SUCCINCTLY CAPTURES THE VALUE AND POTENTIAL BENEFITS OF BASIC RESEARCH, ITS ROLE AS THE FOUNDATION OF APPLIED AND TRANSLATIONAL RESEARCH, AND THE CURRENT LANDSCAPE OF FUNDING OF BASIC RESEARCH AND HOW IT IS EXPECTED TO CHANGE INTO THE FUTURE	18,000
NATIONAL GEOGRAPHIC SOCIETY PO BOX 98199 WASHINGTON, DC 20090-8199	NONE 501 (C) (3) 509 (A) (2)	TO SUPPORT GEO-SCIENCE LEARNING PROGRAMS	10,000
NATIONAL MARINE SANCTUARY FOUNDATION 8601 GEORGIA AVENUE, SUITE 201 SILVER SPRING, MD 20910	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT CAPITOL HILL OCEANS WEEK 2012.	10,000.
NATURE CONSERVANCY 201 MISSION STREET, 4TH FLOOR SAN FRANCISCO, CA 94105	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT A RAPID ASSESSMENT FOR FEASIBILITY OF A REGIONAL ADVANCE MITIGATION PROGRAM IN THE BAY AREA	20,000
NEW VENTURE FUND 1201 CONNECTICUT AVE NW, SUITE 300 WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE CONSERVATION LEADERS PROJECT.	40,000.
NEW VENTURE FUND 1201 CONNECTICUT AVE NW, SUITE 300 WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE CONSERVATION LEADERS PROJECT	10,000

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
NOVA SOUTHEASTERN UNIVERSITY INC. 3301 COLLEGE AVENUE FORT LAUDERDALE-DAVIE, FL 33314-7796	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT SCIENTIST PARTICIPATION AT THE GENOME 10K WORKSHOP, THE GENOME ASSEMBLY WORKSHOP, AND THE GENOME ALIGNMENT AND ANNOTATION WORKSHOP TO BE HELD APRIL 25-26, 2013 IN HOLLYWOOD, FLORIDA	15,000
OCEAN AWARENESS PROJECT INC 1530 P STREET NW WASHINGTON, DC 20005	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE 5TH ANNUAL PETER BENCHLEY OCEAN AWARDS.	5,000
PACIFIC FISHERY MANAGEMENT COUNCIL 7700 NE AMBASSADOR PLACE, SUITE 101 PORTLAND, OR 97220	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE 2013 CONFERENCE MANAGING THE NATIONS FISHERIES III	25,000
PARTNERS HEALTHCARE SYSTEM INC 50 STANIFORD STREET BOSTON, MA 02114	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE WORK OF THE STOECKLE CENTER TO ENGAGE AND PARTNER WITH PEOPLE ACROSS THE COUNTRY TO IMPROVE PRIMARY CARE THROUGH COLLABORATIVE WORK IN RESEARCH, INNOVATION, AND EDUCATION.	5,000
PEOPLE FOR OPEN SPACE INC. 312 SUTTER STREET, SUITE 510 SAN FRANCISCO, CA 94108	NONE 501 (C) (3) 509 (A) (1)	TO COMPLETE THE THREAT ANALYSIS TO BAY AREA HABITATS FROM HOUSING DEVELOPMENT AND SPRAWL, WHICH WILL PROVIDE UPDATED AND MORE THOROUGH DATA TO NGOS AND FUNDERS ON HOW TO BEST TARGET LAND CONSERVATION EFFORTS AND PROTECT SENSITIVE HABITATS.	20,000.
REGENTS OF THE UNIVERSITY OF CALIFORNIA	NONE	TO SUPPORT THE OVER-SAMPLING (FOR GREATER SACRAMENTO NURSES), EXTRACTION AND DATA ANALYSIS OF THE CALIFORNIA BOARD OF REGISTERED NURSING SURVEY OF REGISTERED NURSES IN	34,000

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
2 KORET WAY, ROOM 319 SAN FRANCISCO, CA 94143	GOVERNMENTAL UNIT	CALIFORNIA	
REGENTS OF THE UNIVERSITY OF CALIFORNIA 417-L UNIVERSITY HALL, #7360 BERKELEY, CA 94120-7360	NONE GOVERNMENTAL UNIT	TO SUPPORT THE UNIVERSITY OF CALIFORNIA, BERKELEY SCHOOL OF PUBLIC HEALTH DEAN'S OPPORTUNITY FUND.	30,000.
RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NY 230 W 41ST STREET, FL 7 NEW YORK, NY 10036	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE TRAVEL OF STUDENTS, JUNIOR SCIENTISTS, AND SENIOR SCIENTISTS FROM THE U S TO THE INTERNATIONAL LIEGE COLLOQUIUM AND WILL ENABLE INTERNATIONAL COLLABORATION AS WELL AS THE INTERACTION BETWEEN BIOLOGICAL, CHEMICAL, AND PHYSICAL OCEANOGRAPHERS.	20,000
SAN FRANCISCO PARKS ALLIANCE 451 HAYES STREET, 2ND FLOOR SAN FRANCISCO, CA 94102	NONE 501 (C) (3) 509 (A) (1)	TO ADVANCE CONSERVATION THROUGH THE BAY AREA REGIONAL TRANSPORTATION PLAN/SUSTAINABLE COMMUNITIES STRATEGY	15,000
SANTA CLARA COUNTY OPEN SPACE AUTHORITY 6980 SANTA TERESA BLVD #100 SAN JOSE, CA 95119	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT A TOUR OF THE SOUTH BAY CONSERVATION LANDS IN THE SANTA CRUZ MOUNTAINS FOR THE 2012 NORTH AMERICAN CONGRESS FOR CONSERVATION BIOLOGY PARTICIPANTS	2,000
SAVE OUR WILD SALMON COALITION 200 FIRST AVE. WEST, SUITE 107 SEATTLE, WA 98119	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF SNAKE RIVER SETTLEMENT TALKS	50,000.

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
SCIENTIFIC COMMITTEE ON OCEANIC RESEARCH 222 S CHAPEL STREET, 111 ROBINSON HALL NEWARK, DE 19716	NONE 501(C)(3) 509(A)(2)	IN SUPPORT OF THE THIRD SYMPOSIUM ON THE OCEAN IN A HIGH-CO ₂ WORLD	10,000
SEAWEB 8401 COLESVILLE ROAD, SUITE 500 SILVER SPRING, MD 20910	NONE 501(C)(3) 509(A)(1)	TO SUPPORT THE 10TH SEAFOOD SUMMIT, WHICH IS TO BE HELD IN HONG KONG	10,000
SOCIEDAD PERUANA DE DERECHO AMBIENTAL PROL. ARENALES NO. 437 27 LIMA PERU	NONE EQUIV US PC	FOR THE GENERATION OF RELIABLE INFORMATION ON ENVIRONMENTAL IMPACT ASSESSMENTS AND BEST PRACTICES TO EDUCATE CURRENT GOVERNMENT POLICYMAKERS AND GENERATE NATIONAL DEBATE	45,000.
SOCIETY FOR CONSERVATION BIOLOGY 1017 O STREET, NW WASHINGTON, DC 20001-4229	NONE 501(C)(3) 509(A)(1)	TO SUPPORT THE FIRST NORTH AMERICA CONGRESS FOR CONSERVATION BIOLOGY, WHICH WILL PROVIDE A FORUM FOR PRESENTING AND DISCUSSING NEW RESEARCH AND DEVELOPMENTS IN CONSERVATION SCIENCE AND PRACTICE AND ENABLE A COLLABORATIVE PROCESS TO ADDRESS NORTH AMERICA'S CONSERVATION CHALLENGES.	5,000
ST MARY'S MEDICAL CENTER FOUNDATION 450 STANYAN STREET SAN FRANCISCO, CA 94117-1079	NONE 501(C)(3) 509(A)(3)-I	TO SUPPORT WORK IN CLINICAL QUALITY AND PATIENT SAFETY	3,000.
STANFORD UNIVERSITY BOARD OF TRUSTEES 2575 SAND HILL ROAD MENLO PARK, CA 94025	NONE 501(C)(3) 509(A)(1)	IN SUPPORT OF THE 6TH EXTREMELY LARGE DATABASES CONFERENCE AND WORKSHOP.	15,000.

FORM 990EZ - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
STANFORD UNIVERSITY BOARD OF TRUSTEES 371 SERRA MALL STANFORD, CA 94305-6030	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT A CONVENING OF EXPERTS ON COASTAL COMMUNITIES ADAPTATION TO CLIMATE CHANGE	9,500
STANFORD UNIVERSITY BOARD OF TRUSTEES 2575 SAND HILL ROAD MENLO PARK, CA 94025	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT A SYSTEM FOR COLLECTING AND PUBLISHING USE CASES RELATED TO MANAGING AND ANALYZING EXTREME SCALE DATA SETS	50,000.
THE EVERGREEN STATE COLLEGE 2700 EVERGREEN PARKWAY NW OLYMPIA, WA 98505	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE 2012 VIRUSES OF MICROBES CONFERENCE, TO BE HELD IN BRUSSELS UNDER THE AUSPICES OF THE EUROPEAN MOLECULAR BIOLOGY ORGANIZATION (EMBO), WHICH WILL ADDRESS THE DIVERSITY, EVOLUTION, ECOLOGY, AND ENVIRONMENTAL IMPACT OF MICROBIAL VIRUSES, THE MOST ABUNDANT BIOLOGICAL ENTITIES ON EARTH	15,000.
THE FORAKER GROUP 161 KELVIN STREET, SUITE 101 ANCHORAGE, AK 99508	NONE 501 (C) (3) 509 (A) (1)	FOR GENERAL SUPPORT AND TO ASSIST THE SALMON PROJECT, A NEW EFFORT TO ORGANIZE A LONG-TERM, NON-PARTISAN SALMON CONSTITUENCY IN ALASKA.	50,000
THE NATIONAL COUNCIL FOR SCIENCE 1101 17 ST. NW #250 WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE 12TH NATIONAL CONFERENCE ON SCIENCE, POLICY, AND THE ENVIRONMENT: ENVIRONMENT AND SECURITY.	25,000.
TIDES CENTER PO BOX 29907 SAN FRANCISCO, CA 94129	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT COMMUNICATIONS AND OUTREACH ON THE SCIENCE BEHIND SMART OCEAN PLANNING.	20,000.

ATTACHMENT 21 (CONT'D)

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

RECIPIENT NAME AND ADDRESS

TRUSTEES OF PRINCETON UNIVERSITY
106A GUYOT HALL, PRINCETON UNIVERSITY
PRINCETON, NJ 08544-2016

UNITED HOSPITAL FUND OF NEW YORK
1411 BROADWAY, 12TH FLOOR
NEW YORK, NY 10018

UNIVERSITY OF ALASKA
P.O. BOX 757500
FAIRBANKS, AK 99775

UNIVERSITY OF ARIZONA FOUNDATION
1111 N CHERRY AVENUE
TUCSON, AZ 85721-0109

UNIVERSITY OF BRITISH COLUMBIA
3529 UNIVERSITY BLVD. V6T 1Z4
VANCOUVER
BC
CANADA

UNIVERSITY OF DELAWARE
204 CANNON LAB, 700 PILOTTOWN ROAD
LEWES, DE 19958

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR	FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
NONE	501 (C) (3) 509 (A) (1)	TO SUPPORT U.S. SCIENTIST ATTENDANCE AT THE WORKSHOP ON CRITICAL TRANSITIONS IN COMPLEX SYSTEMS IN MARCH, 2012 IN LONDON	10,000
NONE	501 (C) (3) 509 (A) (1)	TO SUPPORT THE UNITED HOSPITAL FUND FAMILY CAREGIVER CONVENING, A CONVENING OF 15-20 EXPERTS TO DEVELOP AN ACTION AGENDA TO TRANSFORM THE CARE OF PATIENTS WITH MULTIPLE CHRONIC ILLNESSES THROUGH ENGAGEMENT OF FAMILY CAREGIVERS	50,000
NONE	501 (C) (3) 509 (A) (1)	TO DESIGN A TEST PROJECT FOR VERTICAL AXIS TURBINES AND ARRAYS IN RURAL COMMUNITIES LOCATED IN ALASKA'S WILD SALMON SYSTEMS	47,969
NONE	501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE ENVIRONMENTAL VIROLOGY WORKSHOP.	15,000
NONE	501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE 14TH INTERNATIONAL CONGRESS FOR PROTISTOLOGY.	25,000
NONE	501 (C) (3) 509 (A) (1)	TO SUPPORT THE SECOND EU-US MARINE BIOINFORMATICS TRAINING COURSE TO BE HELD AT THE UNIVERSITY OF DELAWARE IN THE SUMMER OF 2013.	20,000

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

PURPOSE OF GRANT OR CONTRIBUTION

AMOUNT

RECIPIENT NAME AND ADDRESS

25,000.

UNIVERSITY OF GEORGIA RESEARCH FOUNDATION INC
617 BOYD GRAD STUDIES RESEARCH CTR
ATHENS, GA 30602

IN SUPPORT OF FOSTERING COLLABORATION
BETWEEN US AND BRAZILIAN SCIENTISTS
TO STUDY THE MICROBIAL ECOLOGY AND
BIOGEOCHEMISTRY OF THE AMAZON RIVER AND
ITS MARINE PLUME

NONE

501 (C) (3) 509 (A) (1)

REGENTS OF THE UNIVERSITY OF MICHIGAN
1301 CATHERINE ROAD
ANN ARBOR, MI 48109

IN SUPPORT OF THE UNIVERSITY OF MICHIGAN MEDICAL
SCHOOL.

NONE

501 (C) (3) 509 (A) (2)

UNIVERSITY OF MONTANA
311 BIO STATION LANE
POLSON, MT 59860-9659

TO INVESTIGATE THE RISK OF ISAV AND
IHNV TRANSFER TO WILD TROUT AND SALMON
POPULATIONS OF THE PACIFIC NORTHWEST
VIA SHIPMENTS OF FARMED ATLANTIC SALMON.

NONE

501 (C) (3) 509 (A) (1)

UNIVERSITY OF RHODE ISLAND FOUNDATION
79 UPPER COLLEGE ROAD
KINGSTON, RI 02881

TO SUPPORT THE SPONSORSHIP OF THE
INTERNATIONAL MARINE SPATIAL PLANNING
SYMPOSIUM SHARING PRACTICAL
SOLUTIONS/11TH ANNUAL RONALD C BAIRD
SEA GRANT SCIENCE SYMPOSIUM

NONE

501 (C) (3) 509 (A) (1)

UNIVERSITY OF SAN FRANCISCO
2130 FULTON STREET
SAN FRANCISCO, CA 94117

IN SUPPORT OF THE 2012 TRANSFORMING
PRIMARY CARE FORUM HOSTED BY UNIVERSITY
OF SAN FRANCISCO.

NONE

501 (C) (3) 509 (A) (1)

UNIVERSITY OF WASHINGTON
BOX 357940
SEATTLE, WA 98195-7940

IN SUPPORT OF THE BIOGEO TRACE
SYNTHESIS WORKSHOP.

8,000.

15,000.

2,550.

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

RECIPIENT NAME AND ADDRESS	FOUNDATION STATUS OF RECIPIENT AND	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
WILDLIFE CONSERVATION SOCIETY 2300 SOUTHERN BOULEVARD BRONX, NY 10460	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF SCIENCE-BASED INQUIRY COURSES AND FOLLOW-UP ACTIVITIES TO BE IMPLEMENTED BY DR. PETER FENSINGER AND COLLABORATORS IN SOUTH AMERICA	50,000.
WOODS HOLE OCEANOGRAPHIC INSTITUTION 266 WOODS HOLE ROAD WOODS HOLE, MA 02543-1052	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE ACCIDENTS AT FUKUSHIMA DAI-ICHI SYMPOSIUM AT THE WOODS HOLE OCEANOGRAPHIC INSTITUTION	10,000
WOODS HOLE OCEANOGRAPHIC INSTITUTION 266 WOODS HOLE ROAD WOODS HOLE, MA 02543-1052	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE ACCIDENTS AT FUKUSHIMA DAI-ICHI SYMPOSIUM AT THE UNIVERSITY OF TOKYO.	10,000
WORLD WILDLIFE FUND, INC 1250 TWENTY-FOURTH STREET, N.W. WASHINGTON, DC 20090-7180	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE CONSERVATION INITIATIVE ON HUMAN RIGHTS (CIHR), WHICH WILL ADVANCE THE PROMOTION OF INTEGRATING HUMAN RIGHTS PRINCIPLES IN CONSERVATION THROUGH A SERIES OF ACTIVITIES AT THE SEPTEMBER 2012 WORLD CONSERVATION CONGRESS.	39,375
YOUTH IN ARTS 917 C STREET SAN RAFAEL, CA 94901	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE PRODUCTION OF PHOTOSYNTHESIS LIVING SUNLIGHT, A MUSICAL GEARED TOWARDS STUDENT AUDIENCES, AND WILL BRING THE PERFORMANCE TO SCHOOLS, LIBRARIES, MUSEUMS, AND OTHER COMMUNITY SITES.	20,000
ABILITIES UNITED 525 EAST CHARLESTON RD. PALO ALTO, CA 94306	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000

FORM SCOPE, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
ACHIEVEFKIDS 3860 MIDDLEFIELD ROAD PALO ALTO, CA 94303	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS,	10,000.
ALLEN-CHASE FOUNDATION 271 PINE NOOK ROAD DEERFIELD, MA 01342	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	35,000.
ALLIANCE FOR JUSTICE 11 DUPONT CIRCLE, NW, 2ND FLOOR WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	25,000.
AVENIDAS 450 BRYANT STREET PALO ALTO, CA 94301	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
BAY AREA WOMENS SPORTS INITIATIVE 1922 THE ALAMEDA, SUITE 100 SAN JOSE, CA 95126	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000
BAY AREA DISCOVERY MUSEUM 557 MCREYNOLDS RD SAUSALITO, CA 94965	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE MUSEUM'S HANDS-ON EXHIBITS, EDUCATIONAL AND COMMUNITY OUTREACH PROGRAMS.	2,500

FORM 990EE, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
BOARD SOURCE 750 9TH STREET NW, SUITE 650 WASHINGTON, DC 20001	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	50,000
BONNIE J ADDARIO A BREATH AWAY FROM THE CURE FND 1100 INDUSTRIAL ROAD, SUITE 1 SAN CARLOS, CA 94070	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000
BRAVO COLORADO AT VAIL-BEAVER CREEK P. O. BOX 2270 VAIL, CO 81658	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE BRAVO' VAIL VALLEY MUSIC FESTIVAL	7,000.
BULLIS-PURISSIMA ELEMENTARY SCHOOL FOUNDATION 102 W PORTOLA AVENUE P.O. BOX 1642 LOS ALTOS, CA 94022	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF A CHALLENGE MATCH GRANT	50,000.
CALIFORNIA ACADEMY OF SCIENCES 55 MUSIC CONCOURSE DRIVE SAN FRANCISCO, CA 94118	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT THE ANNUAL FUND	5,000
CALIFORNIA CHARTER SCHOOL CONSORTIUM 1107 9TH STREET, SUITE 200 SACRAMENTO, CA 95814	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF THE CHARTER SCHOOLS LEGAL DEFENSE FUND	40,000.

FORM 990PF - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RECIPIENT NAME AND ADDRESS		RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
CALIFORNIA SHAKESPEARE THEATER 701 HEINZ AVENUE BERKELEY, CA 94710		NONE 501(C) (3)509(A) (2)	TO SUPPORT THE CAL SHAKES CAPITAL CONSTRUCTION FUND.	10,000.
CANOPY TREES FOR PALO ALTO 3921 EAST BAY SHORE ROAD PALO ALTO, CA 94303		NONE 501(C) (3)509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000
CANTABILE YOUTH SINGERS OF SILICON VALLEY 1901 MIDDLEFIELD WAY, SUITE 22 MOUNTAIN VIEW, CA 94022		NONE 501(C) (3)509(A) (1)	IN SUPPORT OF THE SIGNE BOYER SCHOLARSHIP FUND, WHICH PROVIDES NEED-BASED SCHOLARSHIPS FOR SINGERS IN ORDER TO BRING MUSIC EDUCATION TO MORE CHILDREN IN THE BAY AREA	10,000.
CARNEGIE ENDOWMENT FOR INTERNATIONAL PEACE 1779 MASSACHUSETTS AVE., NW WASHINGTON, DC 20036		NONE 501(C) (3)509(A) (1)	TO SUPPORT THE GLOBAL VISION FUNDRAISING EFFORT.	100,000.
CENTER FOR EFFECTIVE PHILANTHROPY INC 675 MASSACHUSETTS AVE., 7TH FLOOR CAMBRIDGE, MA 02139		NONE 501(C) (3)509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	50,000
CENTER FOR RELATIONSHIP ABUSE AWARENESS 555 BRYANT STREET #272 PALO ALTO, CA 94031		NONE 501(C) (3)509(A) (2)	IN SUPPORT OF GENERAL OPERATIONS	10,000

ATTACHMENT 21 (CONT'D.)

FORM 990FF - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
CHABOT SPACE & SCIENCE CENTER FOUNDATION 10000 SKYLINE BLVD OAKLAND, CA 94619	NONE 501 (C) (3) 509 (A) (3)-III	IN SUPPORT OF GENERAL OPERATIONS	50,000.
CHARLES ARMSTRONG SCHOOL 1405 SOLANA DRIVE BELMONT, CA 94002	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000
CHEETAH CONSERVATION FUND P.O. BOX 2496 ALEXANDRIA, VA 22301-0496	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE CHEETAH CONSERVATION FUND IN ITS MISSION TO EDUCATE THE PUBLIC ON THE PLIGHT OF THE WILD CHEETAH AND THE LARGER ISSUES OF HABITAT AND ECOSYSTEM OF WHICH THE CHEETAH IS PART.	2,500.
CHILD ADVOCATES OF SILICON VALLEY 509 VALLEY WAY, BLDG 2 MILPITAS, CA 95035	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000.
CHILDRENS HOSPITAL & RESEARCH CENTER FOUNDATION 2201 BROADWAY, SUITE 600 OAKLAND, CA 94612	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	20,000
CHILDRENS HOSPITAL & RESEARCH CENTER FOUNDATION 2201 BROADWAY, SUITE 600 OAKLAND, CA 94612	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	25,000.

ATTACHMENT 21 (CONT'D)

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CLIMATE INSTITUTE 900 17TH STREET NW, SUITE 700 WASHINGTON, DC 20006	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000
CONSERVATION EARTH INC P. O. BOX 3098 HALF MOON BAY, CA 94109	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DR #500 ARLINGTON, VA 22202	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE 25TH ANNIVERSARY FUNDRAISING EVENT.	10,600.
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DR #500 ARLINGTON, VA 22202	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE 25TH ANNIVERSARY FUNDRAISING EVENT.	30,000
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DR #500 ARLINGTON, VA 22202	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	20,000
COUNCIL ON AGING SILICON VALLEY 2115 THE ALAMEDA SAN JOSE, CA 95126	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
COUNCIL ON FOUNDATIONS INC 2121 CRYSTAL DRIVE, SUITE 700 ARLINGTON, VA 22202	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	54,500
DEBORAH'S PALM 555 LYTON STREET PALO ALTO, CA 94301	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	10,000
DREAMCATCHERS P. O. BOX 60902 PALO ALTO, CA 94306	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
DUCKS UNLIMITED, INC 12934 BRIGHTON AVENUE CARMEL, IN 46032	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000
DUCKS UNLIMITED, INC. 12934 BRIGHTON AVENUE CARMEL, IN 46032	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF CONSERVATION ACTIVITIES IN MEXICO.	25,000
DUKE UNIVERSITY P. O. BOX 90600 DURHAM, NC 27708	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE NASHER MUSEUM OF ART ANNUAL FUND AND IRON DUKES ANNUAL FUND	10,000

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
ENVIRONMENTAL & ENERGY STUDY INSTITUTE 1112 16TH STREET, NW SUITE 300 WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS .	10,000
ENVIRONMENTAL VOLUNTEERS, INC 560 EMBARCADERO ROAD PALO ALTO, CA 94303	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS .	10,000
FAMILY SERVICE AGENCY OF SAN MATEO COUNTY, INC 24 SECOND AVENUE SAN MATEO, CA 94401	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS .	10,000
FEDERATION OF AMERICAN SCIENTISTS 1725 DE SALES STREET, NW 6TH FLOOR WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS .	10,000.
FOUNDATION CENTER 79 FIFTH AVENUE NEW YORK, NY 10003-3076	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS .	50,000
FOUNDATION FOR A COLLEGE EDUCATION 2160 EUCLID AVENUE (PO BOX 50518) EAST PALO ALTO, CA 94303	EXECUTIVE ORDER	IN SUPPORT OF GENERAL OPERATIONS .	10,000

FORM 92DPE - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
朋友们对 the PALO ALTO JR MUSEUM AND ZOO 1451 MIDDLEFIELD ROAD PALO ALTO, CA 94301	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS	10,000.
GRANTMAKERS FOR EFFECTIVE ORGANIZATIONS 1725 DESALES STREET, SUITE 404 WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	13,800
GRANTS MANAGERS NETWORK INC. 1666 K STREET, NW, SUITE 440 WASHINGTON, DC 20006	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	25,000
GREEN FOOTHILLS FOUNDATION 391 EAST BAYSHORE ROAD PALO ALTO, CA 94303	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS	10,000.
GREENLINING INSTITUTE 1918 UNIVERSITY AVENUE, 2ND FLOOR BERKELEY, CA 94704	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000.
GUIDESTAR USA INC. 4801 COURTHOUSE STREET, SUITE 220 WILLIAMSBURG, VA 23188	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	35,000

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
HAY MEMORIAL LIBRARY OF SACKETS HARBOR 105 SOUTH BROAD STREET SACKETS HARBOR, NY 13685-0288	NONE 501 (C) (3) 509 (A) (1)	FOR GENERAL OPERATIONS IN HONOR OF MURRAY R MAXON.	1,000
HOPE SERVICES 30 LAS COLINAS LANE SAN JOSE, CA 95119	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000
HORSES IN THE HOOD PO BOX 57349 TARZANA, CA 91357-3249	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	5,000
INDEPENDENT SECTOR 1602 L STREET, NW, SUITE 900 WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
INDEPENDENT SECTOR 1602 L STREET, NW, SUITE 900 WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	50,000
INDEPENDENT SECTOR 1602 L STREET, NW, SUITE 900 WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE 2012 INDEPENDENT SECTOR CONFERENCE	75,000

FORM 990EZ, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
INVISION SHELTER NETWORK 1450 CHAPIN AVENUE, 2ND FLOOR BURLINGAME, CA 94010	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000
JAZZSCHOOL INC. 2087 ADDISON STREET BERKELEY, CA 94704	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE EDUCATION OF MUSIC STUDENTS	25,000
KARA 457 KINGSLEY AVENUE PALO ALTO, CA 94301	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000
KATHERINE BRANSON SCHOOL 39 FERNHILL AVENUE, P.O. BOX 887 ROSS, CA 94957	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE ANNUAL FUND	5,000
LAW FOUNDATION OF SILICON VALLEY 152 NORTH THIRD STREET, 3RD FLOOR SAN JOSE, CA 95112	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000.
LEMO FOUNDATION 2575 EAST BAYSHORE REDWOOD CITY, CA 94061	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000.

ATTACHMENT 21 (CONT'D)

ATTACHMENT 21

FORM 9080E, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
LEUKEMIA & LYMPHOMA SOCIETY INC. GREATER BAY AREA 221 MAIN STREET, SUITE 1650 SAN FRANCISCO, CA 94105	NONE 501 (C) (3) 509 (A) (1)	FOR GENERAL OPERATIONS IN MEMORY OF SOFYA SMIK.	1,000
LCAVES & FISHES FAMILY KITCHEN 777 NORTH FIRST STREET, SUITE 420 SAN JOSE, CA 95112	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000
LUCILE PACKARD FOUNDATION FOR CHILDREN 400 HAMILTON AVE., SUITE 340 PALO ALTO, CA 94301	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000
MAPLE STREET FOUNDATION 322 MAPLE STREET MANCHESTER CTR, VT 05255	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	3,000.
MARTHA'S KITCHEN 311 WILLOW STREET SAN JOSE, CA 95110	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000
MENLO SCHOOL 50 VALPARAISO AVENUE ATHERTON, CA 94027	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE PURCHASE OF EQUIPMENT AND SUPPLIES FOR THE WHITTAKER LAB.	20,000

ATTACHMENT 21 (CONT'D)

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
MENTAL HEALTH ASSOCIATION OF SAN MATEO COUNTY 2686 SPRING STREET REDWOOD CITY, CA 94063	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000
MONTANA LAND RELIANCE 324 FULLER AVE , PO BOX 355 HELENA, MN 59624-0355	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF EFFORTS TO PARTNER WITH LANDOWNERS TO PROVIDE PERMANENT PROTECTION FOR PRIVATE LANDS THAT ARE SIGNIFICANT FOR AGRICULTURAL PRODUCTION, FOREST RESOURCES, FISH AND WILDLIFE HABITAT, AND OPEN SPACE	2,000
MUSEUM OF AMERICAN HERITAGE 351 HOMER AVENUE PALO ALTO, CA 94301	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000
MUSIC FOR MINORS INC. 883 N. SHORELINE BLVD C120 MOUNTAIN VIEW, CA 94041	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS	10,000
MY NEW RED SHOES 330 TWIN DOLPHIN DRIVE, SUITE 135 REDWOOD CITY, CA 94065	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
NATIONAL ACADEMY OF ENGINEERING FUND 2101 CONSTITUTION AVENUE, NW WASHINGTON, DC 20418	NONE 501 (C) (3) 509 (A) (3) - 1	TO SUPPORT THE NATIONAL ACADEMY OF ENGINEERING	50,000.

FORM 990PF - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
NATIONAL ACADEMY OF SCIENCES 500 5TH STREET NW (K654) WASHINGTON, DC 20001	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE TEACHER ADVISORY COUNCIL OF THE NATIONAL ACADEMIES.	40,000.
NY SOCIETY FOR THE RELIEF OF RUPTURED & CRIPPLED 535 EAST 70TH STREET NEW YORK, NY 10021	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	50,000
NEXT DOOR 234 E. GISH ROAD SAN JOSE, CA 95112	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
NORTHERN CALIFORNIA GRANTMAKERS 625 MARKET STREET, 15TH FLOOR SAN FRANCISCO, CA 94105	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS	14,500
OCEAN CONSERVANCY INC 1300 19TH ST. NW, 8TH FLOOR WASHINGTON, DC 20036	NONE 501 (C) (3) 509 (A) (1)	TO PROTECT THE OCEAN AND ITS WILDLIFE FOR FUTURE GENERATIONS.	75,000
PACIFIC AUTISM CENTER FOR EDUCATION 1880 FRUNERIDGE AVE SANTA CLARA, CA 95050	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS	10,000.

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
PALO ALTO PARTNERS IN EDUCATION 25 CHURCHILL AVENUE PALO ALTO, CA 94306	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000.
PARENTS HELPING PARENTS, INC 1400 PARKMOOR AVENUE, SUITE 100 SAN JOSE, CA 95126	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000
PENINSULA BRIDGE PROGRAM 457 KINGSLEY AVENUE PALO ALTO, CA 94301	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000
POLITICAL ECONOMY RESEARCH CENTER INC 2048 ANALYSIS DRIVE, SUITE A BOZEMAN, MT 59718	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE GENERAL FUND	4,000
PUENTE DE LA COSTA SUR PO BOX 554 PESCADERO, CA 94060	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000
REDWOOD CITY POLICE ACTIVITY LEAGUE 3399 BAY ROAD REDWOOD CITY, CA 94063	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000.

FORM 990DE • PART XV – GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
REGENTS OF THE UNIVERSITY OF CALIFORNIA 1500 FURISIMA CREEK ROAD HALF MOON BAY, CA 94019	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE ELKUS RANCH ENVIRONMENTAL EDUCATION CENTER	10,000
REGENTS OF THE UNIVERSITY OF CALIFORNIA 200 CENTENNIAL DRIVE BERKELEY, CA 94720-5045	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000
REGENTS OF THE UNIVERSITY OF MICHIGAN DANA BUILDING, 440 CHURCH STREET ANN ARBOR, MI 48109-1041	NONE 501 (C) (3) 509 (A) (1)	TO ASSIST IN THE FUNDING OF PH.D. STUDENTS IN THE SCHOOL OF NATURAL RESOURCES AND ENVIRONMENT.	25,000.
REGENTS OF THE UNIVERSITY OF MICHIGAN DANA BUILDING, 440 CHURCH STREET ANN ARBOR, MI 48109-1041	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE ROSINA M. BIERBAUM AWARD IN CLIMATE ADAPTATION AND MITIGATION.	10,000
REGENTS OF THE UNIVERSITY OF MICHIGAN DANA BUILDING, 440 CHURCH STREET ANN ARBOR, MI 48109-1041	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE DEAN'S ENGINEERING SUSTAINABLE SYSTEMS FELLOWSHIP	10,000
REGENTS OF THE UNIVERSITY OF MICHIGAN DANA BUILDING, 440 CHURCH STREET ANN ARBOR, MI 48109-1041	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE PEACE CORPS FELLOWSHIP	10,000

ATTACHMENT 21 (CONT'D)

FORM 500PF, PART XV—GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RECIPIENT NAME AND ADDRESS		RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND <u>FOUNDATION STATUS OF RECIPIENT</u>	PURPOSE OF GRANT OR CONTRIBUTION	<u>AMOUNT</u>
RONALD McDONALD HOUSE AT STANFORD 520 SAND HILL ROAD PALO ALTO, CA 94304-2001	NONE 501 (C) (3) 509 (A) (2)		IN SUPPORT OF GENERAL OPERATIONS	10,000.
SALVATION ARMY NATIONAL CORP 832 FOLSOM STREET SAN FRANCISCO, CA 94107	NONE 501 (C) (3) 509 (A) (1)		IN SUPPORT OF THE SALVATION ARMY IN EAST PALO ALTO	10,000
SAN BRUNO MOUNTAIN WATCH P. O. BOX 53 BRISBANE, CA 94005	NONE 501 (C) (3) 509 (A) (1)		IN SUPPORT OF GENERAL OPERATIONS.	10,000
SAN FRANCISCO BOTANICAL GARDEN SOCIETY 1260 9TH AVENUE SAN FRANCISCO, CA 94122	NONE 501 (C) (3) 509 (A) (2)		FOR GENERAL OPERATIONS IN MEMORY OF NANCY EMMA BARON	1,000.
SAN FRANCISCO MUSEUM OF MODERN ART 151 THIRD STREET SAN FRANCISCO, CA 94103-3159	NONE 501 (C) (3) 509 (A) (1)		TO SUPPORT EXHIBITION, EDUCATION AND CONSERVATION PROGRAMS THROUGH THE DIRECTORS CIRCLE AND COLLECTORS FORUM	19,000.
SANTA CLARA VANGUARD BOOSTER CLUB 1795 SPACE PARK DRIVE SANTA CLARA, CA 95054	NONE 501 (C) (3) 509 (A) (2)		TO SUPPORT THE ALAN KOCH MEMORIAL SCHOLARSHIP FUND.	1,000.

ATTACHMENT 21 (CONT'D)

FORM 990N - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND</u>	<u>FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
SECOND HARVEST FOOD BANK OF SANTA CLARA 750 CURTNER AVENUE SAN JOSE, CA 95125-2118	NONE 501 (C) (3)(509 (A) (1)		IN SUPPORT OF GENERAL OPERATIONS	10,000
SENIOR COASTSIDERS INC 535 KELLY AVENUE HALF MOON BAY, CA 94019	NONE 501 (C) (3)(509 (A) (1)		IN SUPPORT OF GENERAL OPERATIONS FOR LIFE OF MILLBRAE, CA	10,000
SILICON VALLEY INDEPENDENT LIVING CENTER 2202 N FIRST STREET SAN JOSE, CA 95131	NONE 501 (C) (3)(509 (A) (1)		IN SUPPORT OF GENERAL OPERATIONS	10,000.
SKI AND SNOWBOARD CLUB VAIL 598 VAIL VALLEY DRIVE VAIL, CO 81657	NONE 501 (C) (3)(509 (A) (2)		IN SUPPORT OF GENERAL OPERATIONS TEAM	
SONOMA LAND TRUST 966 SONOMA AVENUE SANTA ROSA, CA 95404	NONE 501 (C) (3)(509 (A) (1)		IN SUPPORT OF GENERAL OPERATIONS	10,000.
STANFORD HEALTH SERVICES 300 PASTEUR DRIVE, ROOM H3200 STANFORD, CA 94305-5645	NONE 501 (C) (3)(509 (A) (1)		FOR ACTIVITIES TO ENHANCE PATIENT SAFETY AND SATISFACTION.	50,000

FORM 9080F - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D.)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
STANFORD UNIVERSITY BOARD OF TRUSTERS 326 GALVEZ STREET STANFORD, CA 94305-6055	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE STANFORD FUND FOR UNDERGRADUATE EDUCATION	10,000
STRATEGIC EDUCATION RESEARCH PARTNERSHIP INSTITUTE 1101 14TH STREET, NW SUITE 300 WASHINGTON, DC 20005	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE SCIENCE OF EDUCATION THROUGH RESEARCH	25,000.
STRATTON MOUNTAIN SCHOOL & SKI FOUNDATION INC. 7 WORLD CUP CIRCLE STRATTON MOUNTAIN, VT 05155	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS HEART	5,000.
SUSTAINABLE CONSERVATION 98 BATTERY STREET, SUITE 302 SAN FRANCISCO, CA 94111	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS "HEARTS" AT ALAMO ELEMENTARY SCHOOL..	45,000.
THE COMPUMENTOR PROJECT 435 BRANNAN STREET, SUITE 100 SAN FRANCISCO, CA 94107-1780	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE LAUNCH OF A CENTRALIZED EQUIVALENCY DETERMINATION REPOSITORY.	50,000
THE EXPLORATORIUM 3601 LYON STREET SAN FRANCISCO, CA 94123	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE EXPLORATORIUM'S 35TH ANNUAL AWARDS EVENT.	10,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND</u>	<u>FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
THE EXPLORATORIUM 3601 LYON STREET SAN FRANCISCO, CA 94123	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE CAPITAL CAMPAIGN.	IN SUPPORT OF THE TINKERING STUDIO	10,000
THE EXPLORATORIUM 3601 LYON STREET SAN FRANCISCO, CA 94123	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE CAPITAL CAMPAIGN.	IN SUPPORT OF GENERAL OPERATIONS IN TUCSON, AZ	15,000.
THE TECH MUSEUM OF INNOVATION 201 SOUTH MARKET STREET SAN JOSE, CA 95113	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000	
THE TRUST FOR HIDDEN VILLA 26810 MOODY ROAD LOS ALTOS HILLS, CA 94022-4209	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS	12,500	
TIDES CENTER PO BOX 29907 SAN FRANCISCO, CA 94129	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	20,000	
TRUST FOR PUBLIC LAND 116 NEW MONTGOMERY ST 4TH FLOOR SAN FRANCISCO, CA 94105	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS		

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

RECIPIENT NAME AND ADDRESS

FOUNDATION STATUS OF RECIPIENT

PURPOSE OF GRANT OR CONTRIBUTION

AMOUNT

NONE

IN SUPPORT OF GENERAL OPERATIONS.

10,000.

TWBD INC

P O. BOX 2065

BURLINGAME, CA 94011

NONE

IN SUPPORT OF GENERAL OPERATIONS

10,000

501 (C) (3) 509 (A) (2)

NONE

IN SUPPORT OF GENERAL OPERATIONS

10,000

501 (C) (3) 509 (A) (1)

NONE

IN SUPPORT OF GENERAL OPERATIONS

20,000.

1 VICTORY LANE, BOX 100

PARK CITY, UT 84060

1040 FORTRESSVILLE ROAD

Gladstone, NJ 07934

NONE

TO SUPPORT THE ANNUAL FUND

30,000

501 (C) (3) 509 (A) (1)

NONE

TO SUPPORT THE GRADUATE STUDENT INTERNSHIPS FOR

CAREER EXPLORATION PROGRAM.

35,000

501 (C) (3) 509 (A) (1)

NONE

TO SUPPORT THE UCSF CARDIOLOGY DIVISION'S

RESEARCH, TRAINING, AND CLINICAL PROGRAMS.

10,000.

1 VICTORY LANE, BOX 100

PARK CITY, UT 84060

220 MONTGOMERY STREET, 5TH FLOOR

SAN FRANCISCO, CA 94104

NONE

TO SUPPORT THE UCSF CARDIOLOGY DIVISION'S

RESEARCH, TRAINING, AND CLINICAL PROGRAMS.

10,000.

1 VICTORY LANE, BOX 100

PARK CITY, UT 84060

220 MONTGOMERY STREET, 5TH FLOOR

SAN FRANCISCO, CA 94104

NONE

TO SUPPORT THE UCSF CARDIOLOGY DIVISION'S

RESEARCH, TRAINING, AND CLINICAL PROGRAMS.

10,000.

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
UNIVERSITY OF MONTANA FOUNDATION PO BOX 7159 MISSOULA, MT 59807	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE WILDLIFE BIOLOGY PROGRAM, A JOINT PROGRAM BETWEEN COLLEGE OF FORESTRY AND CONSERVATION, THE DIVISION OF BIOLOGICAL SCIENCES AND THE MONTANA COOPERATIVE WILDLIFE RESEARCH UNIT.	10,000
VANDERBILT UNIVERSITY 131 21ST AVENUE SOUTH NASHVILLE, TN 37203-1181	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE JUSTICE-MOORE FAMILY SCHOLARSHIP	100,000
VILLAGE HARVEST P. O. BOX 9231 SAN JOSE, CA 95157	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	10,000
VNC FOUNDATION 2400 MOORPARK AVE , SUITE 207 SAN JOSE, CA 95128	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE TURNINGWHEELS FOR KIDS PROGRAM	10,000
WATERKEEPER ALLIANCE 17 BATTERY PLACE SUITE 1329 NEW YORK, NY 10004	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000
WOODROW WILSON INTERNATIONAL CENTER FOR SCHOLARS 1300 PENNSYLVANIA AVENUE NW WASHINGTON, DC 20004	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE 2012 WOODROW WILSON AWARDS EVENT HONORING GORDON AND BETTY MOORE.	15,000

FORM 990E, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RECIPIENT NAME AND ADDRESS		RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
YMCA OF SILICON VALLEY ASSOCIATION OFFICE 1922 THE ALAMEDA SAN JOSE, CA 95126		NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF THE EAST PALO ALTO PROGRAM	10,000.
YOUTH SCIENCE INSTITUTE 296 GARDEN HILL DRIVE LOS GATOS, CA 95032		NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000
A BETTER CHANCE 253 W 35TH ST 6TH FLOOR NEW YORK, NY 10117-2141		NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	200
ABADA CAPOEIRA SAN FRANCISCO 3221 22ND STREET SAN FRANCISCO, CA 94110		NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
ABILITIES UNITED 525 EAST CHARLESTON RD. PALO ALTO, CA 94306		NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	3,000
ACHIEVEMENT REWARDS FOR COLLEGE SCIENTISTS FNDN PO BOX 29405 SAN FRANCISCO, CA 94129-0405		NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	4,000

ATTACHMENT 21 (CONT'D)

ATTACHMENT 21

1164JL 2789

FORM 990PF - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

<u>ATTACHMENT 21 (CONT'D)</u>			
<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
AFRICAN WILDLIFE FOUNDATION 1400 SIXTEENTH STREET, NW, SUITE 120 WASHINGTON, DC 20004	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS IN MEMORY OF JOHN 300.	
SAN FRANCISCO AIDS FOUNDATION 1035 MARKET STREET SUITE 400 SAN FRANCISCO, CA 94160	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF THE AIDS/LIFECYCLE RIDE IN HONOR OF HOA VOSCOTT.	300.
SAN FRANCISCO AIDS FOUNDATION 1035 MARKET STREET SUITE 400 SAN FRANCISCO, CA 94103	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF THE AIDS/LIFECYCLE RIDE IN HONOR OF ACRIENNE FRANKO	
LOS ANGELES GAY AND LESBIAN COMMUNITY SERVICES 1035 MARKET STREET SUITE 400 SAN FRANCISCO, CA 94103	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF THE AIDS/LIFECYCLE RIDE IN HONOR OF JENNIFER BALKUS	60
LOS ANGELES GAY AND LESBIAN COMMUNITY SERVICES 1035 MARKET STREET SUITE 400 SAN FRANCISCO, CA 94103	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF THE AIDS/LIFECYCLE RIDE IN HONOR OF HOA VOSCOTT.	100.
AIRSHIP VICTORIA PROJECT 99 JERSEY STREET - APARTMENT 6 SAN FRANCISCO, CA 94114	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	200.

FORM 9020E, PART V - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
FRIENDS OF ALAMEDA COUNTY CASA 1000 SAN LEANDRO BLVD SUITE 300 SAN LEANDRO, CA 94577	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	600.
ALAMEDA COUNTY COMMUNITY FOOD BANK PO BOX 25999 OAKLAND, CA 94614	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200
PTA CALIFORNIA CONGRESS OF PARENTS TEACHERS 250 23RD AVENUE SAN FRANCISCO, CA 94121	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF THE SCHOOL'S SPELL-A-THON IN HONOR OF PARTICIPANT COLIN MURAMOTO.	50.
PTA CALIFORNIA CONGRESS OF PARENTS TEACHERS 250 23RD AVENUE SAN FRANCISCO, CA 94121	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF THE HALLOWEEN CARNIVAL IN HONOR OF PARTICIPANT COLIN MURAMOTO.	50
PTA CALIFORNIA CONGRESS OF PARENTS TEACHERS 250 23RD AVE SAN FRANCISCO, CA 94121	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF THE SCHOOL'S SPELL-A-THON IN HONOR OF PARTICIPANT COLIN MURAMOTO.	50.
AMYOTROPHIC LATERAL SCLEROSIS ASSOCIATION ONE EMBARCADERO CENTER SUITE 1530 SAN FRANCISCO, CA 94111	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	300

FORM 900PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RECIPIENT NAME AND ADDRESS		RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
AMYOTROPHIC LATERAL SCLEROSIS ASSOCIATION ONE EMBARCADERO CENTER, SUITE 1530 SAN FRANCISCO, CA 94111		NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE NAPA VALLEY ALS RIDE IN HONOR OF PARTICIPANTS REGINA FAKE AND VERONIKA SCHROERS	730.
ALZHEIMERS DISEASE AND RELATED DISORDERS ASSOC 225 N MICHIGAN AVE. FL 17 CHICAGO, IL 60601		NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	300
ALZHEIMERS ASSOCIATION - GREATER MARYLAND CHAPTER 1850 YORK ROAD, SUITE D TOWSON, MD 21093		NONE 501 (C) (3) 509 (A) (1)	FOR THE 2012 GREATER BALTIMORE WALK TO END ALZHEIMERS IN HONOR OF PARTICIPANTS AMY AN JEROME DAVIDOVICH.	200.
AMAZON WATCH 221 PINE STREET, SUITE 400 SAN FRANCISCO, CA 94104		NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS .	600
AMERICAN ACADEMY OF ARTS AND SCIENCES 136 IRVING ST CAMBRIDGE, MA 02138		NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	2,000
AMERICAN CANCER SOCIETY PO BOX 22718 OKLAHOMA CITY, OK 73123		NONE 501 (C) (3) 509 (A) (1)	FOR GENERAL OPERATIONS IN MEMORY OF BATIA ESHEL	150.

ATTACHMENT 21 (CONT'D)

ATTACHMENT 21

1164JL 2789

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
AMERICAN CANCER SOCIETY 250 WILLIAMS STREET, NE ATLANTA, GA 30303-1002	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE CALIFORNIA RELAY FOR LIFE CAMPAIGN	200
AMERICAN CANCER SOCIETY 250 WILLIAMS STREET NW ATLANTA, GA 30303	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE CALIFORNIA RELAY FOR LIFE IN HONOR OF PARTICIPANT SUCHETA SUBRAMANIAM.	50
AMERICAN CANCER SOCIETY 250 WILLIAMS STREET ATLANTA, GA 30303	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE CALIFORNIA RELAY FOR LIFE IN HONOR OF PARTICIPANT SUCHETA SUBRAMANIAM.	100.
AMERICAN CANCER SOCIETY 747 CAMDEN AVENUE, SUITE B CAMPBELL, CA 95008	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE FUNDRAISING CAMPAIGN MAKING STRIDES AGAINST BREAST CANCER IN HONOR OF PARTICIPANT JOY TRAVIS	300
AMERICAN CANCER SOCIETY 250 WILLIAMS STREET ATLANTA, GA 30303	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT GENERAL OPERATIONS	
AMERICAN FOUNDATION FOR SUICIDE PREVENTION 120 WALL STREET, 22ND FLOOR NEW YORK, NY 10005	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE CHICAGO COMMUNITY WALK IN HONOR OF PARTICIPANT DICK SPARKS.	200.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND</u>	<u>FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
AMERICAN FOUNDATION FOR SUICIDE PREVENTION 120 WALL ST, 29TH FLOOR NEW YORK, NY 10005	NONE	501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	150
AMERICAN PHILOSOPHICAL SOCIETY 104 S 5TH ST PHILADELPHIA, PA 19106	NONE	501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	2,000.
AMERICAN RED CROSS 85 SECOND STREET, 8TH FLOOR SAN FRANCISCO, CA 94105	NONE	501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200
AMERICAN RED CROSS 400 MITCHELL LANE PALO ALTO, CA 94301	NONE	501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	400
AMERICANS FOR OXFORD INC. 500 5TH AVENUE, FLOOR 32 NEW YORK, NY 10110	NONE	501 (C) (3) 509 (A) (1)	IN SUPPORT OF BALLIOL COLLEGE	4,000
AMERICANS FOR OXFORD INC 500 5TH AVENUE, FLOOR 32 NEW YORK, NY 10110	NONE	501 (C) (3) 509 (A) (1)	IN SUPPORT OF BALLIOL COLLEGE	5,000

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND</u>	<u>FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
ANIMAL WELFARE LEAGUE OF ARLINGTON 2650 S ARLINGTON MILL DRIVE ARLINGTON, VA 22206		NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF THE BOB RAGAN HUMANE EDUCATION FUND	1,600
ARIZONA SONORA DESERT MUSEUM 2021 N KINNEY RD TUCSON, AZ 85743		NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS	350.
ARIZONA SONORA DESERT MUSEUM 2021 N KINNEY RD TUCSON, AZ 85775-4301		NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS	400.
ASHOKA 1700 NORTH MOORE ST. SUITE 2000 ARLINGTON, VA 22209		NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	100
ASHOKA 1700 NORTH MOORE STREET, SUITE 2000 ARLINGTON, VA 22209-1929		NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE JAMES B GRANT ENDOWED FUND, IN MEMORY OF BETTY GRANT AUSTIN	5,000.
ASIAN ART MUSEUM FOUNDATION OF SAN FRANCISCO 200 LARKIN STREET SAN FRANCISCO, CA 94102		NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	16,000.

FORM 900PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

RECIPIENT NAME AND ADDRESS

FOUNDATION STATUS OF RECIPIENT

AMOUNT

ATLANTIC SALMON FEDERATION INC.
PO BOX 807
CALAIS, ME 04619

NONE
501 (C) (3) 509 (A) (2)

IN SUPPORT OF GENERAL OPERATIONS.

10,000.

ATLANTIC SALMON FEDERATION INC.
PO BOX 807
CALAIS, ME 04619

NONE
501 (C) (3) 509 (A) (2)

IN SUPPORT OF GENERAL OPERATIONS.

10,000.

AUTISM SPEAKS
5455 WILSHIRE BOULEVARD, SUITE 2250
LOS ANGELES, CA 90036

NONE
501 (C) (3) 509 (A) (1)

IN SUPPORT OF GENERAL OPERATIONS.

660

BASENJI RESCUE AND TRANSPORT INC.
7255 JERNY COVE
GERMANTOWN, TN 38138

NONE
501 (C) (3) 509 (A) (1)

TO SUPPORT GENERAL OPERATIONS IN MEMORY OF
TONY & CLEO.

1,000.

BELVEDERE-TIBURON LIBRARY FOUNDATION
1501 TIBURON BLVD
TIBURON, CA 94920

NONE
501 (C) (3) 509 (A) (1)

IN SUPPORT OF GENERAL OPERATIONS.

1,000

BEST BUDDIES INTERNATIONAL INC
901 MISSION ST, SUITE 208
SAN FRANCISCO, CA 94103

NONE
501 (C) (3) 509 (A) (2)
100
IN HONOR OF PARTICIPANT PAMELA KURTZMAN.

FORM 902PF - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND</u>	<u>FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
BETHLEHEM CATHOLIC HIGH SCHOOL 2133 MADISON AVENUE BETHLEHEM, PA 19017	NONE 501 (C) (3) 509 (A) (1)	501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	200
BEYOND EMANCIPATION 675 HEGENBERGER ROAD, SUITE 100 OAKLAND, CA 94621	NONE 501 (C) (3) 509 (A) (1)	501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	500
BIG BROTHERS BIG SISTERS OF THE BAY AREA 649 MISSION STREET, 5TH FLOOR SAN FRANCISCO, CA 94103	NONE 501 (C) (3) 509 (A) (1)	501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	60
BIG BROTHERS BIG SISTERS OF THE BAY AREA 649 MISSION STREET, 5TH FLOOR SAN FRANCISCO, CA 94103	NONE 501 (C) (3) 509 (A) (1)	501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	50
BIG BROTHERS BIG SISTERS OF THE BAY AREA 649 MISSION STREET, 5TH FLOOR SAN FRANCISCO, CA 94105	NONE 501 (C) (3) 509 (A) (1)	501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	50
BIG BROTHERS BIG SISTERS OF THE BAY AREA 649 MISSION STREET, 5TH FLOOR SAN FRANCISCO, CA 94105	NONE 501 (C) (3) 509 (A) (1)	501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE BOWL FOR KIDS SAKE, IN HONOR OF PARTICIPANT MAUREEN GEESLEY.	50

FORM 990DE - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND</u>	<u>FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
BIG BROTHERS BIG SISTERS OF THE BAY AREA 731 MARKET STREET, SUITE 600 SAN FRANCISCO, CA 94103	NONE 501 (C) (3) 509 (A) (1)		IN SUPPORT OF GENERAL OPERATIONS.	500
BIG BROTHERS BIG SISTERS OF THE BAY AREA 649 MISSION STREET, 5TH FLOOR SAN FRANCISCO, CA 94105	NONE 501 (C) (3) 509 (A) (1)		IN SUPPORT OF GENERAL OPERATIONS	200
BIOLOGICAL SCIENCES CURRICULUM STUDY 5415 MARK DABLING BLVD COLORADO SPRINGS, CO 80918	NONE 501 (C) (3) 509 (A) (1)		IN SUPPORT OF GENERAL OPERATIONS	2,000
UNIVERSITY OF CALIFORNIA BERKELEY FOUNDATION 2080 ADDISON STREET #4200 BERKELEY, CA 94720-4200	NONE 501 (C) (3) 509 (A) (1)		IN SUPPORT OF GENERAL OPERATIONS	1,000.
BOSTON COLLEGE TRUSTEES MORE HALL 220, 140 COMMONWEALTH AVE CHESTNUT HILL, MA 02467	NONE 501 (C) (3) 509 (A) (1)		IN SUPPORT OF THE BOSTON COLLEGE FUND BOYS GOLF CHALLENGE, FOR JULIAN VOSCOTT	300.
BOY SCOUTS OF AMERICA SANTA CLARA COUNTY COUNCIL 970 W. JULIAN SAN JOSE, CA 95126	NONE 501 (C) (3) 509 (A) (1)		IN SUPPORT OF GENERAL OPERATIONS	700

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
BRADY CENTER TO PREVENT GUN VIOLENCE 1225 EYE ST. NW SUITE 1100 WASHINGTON, DC 20005	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	400
BREAST CANCER FUND 1388 SUTTER STREET, SUITE 400 SAN FRANCISCO, CA 94109-5400	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS COUNTY CAMPAIGN	100
BREAST CANCER FUND 1388 SUTTER ST, STE. 400 SAN FRANCISCO, CA 94109	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	200
BREAST CANCER FUND 1388 SUTTER ST, SUITE 400 SAN FRANCISCO, CA 94109-5400	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF THE PEAK HIKE FOR PREVENT EVENT, IN HONOR OF PARTICIPANT RACHEL STRADER	50.
BREAST CANCER FUND 1388 SUTTER STREET SUITE 400 SAN FRANCISCO, CA 94109	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE PEAK HIKE FOR PREVENT EVENT, IN HONOR OF PARTICIPANT RACHEL STRADER	100
BREAST CANCER RESEARCH FOUNDATION 60 E 56TH ST, 8TH FLOOR NEW YORK, NY 10022	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	2,220

RECIPIENT NAME AND ADDRESS		RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
BROADWAY BY THE BAY 851 BURLWY ROAD, SUITE 300 BURLINGAME, CA 94010	NONE 501(C) (3) 509(A) (2)	IN SUPPORT OF GENERAL OPERATIONS	300	
BROADWAY CARES 165 WEST 45TH STREET, SUITE 1300 NEW YORK, NY 10036	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	100	
BULLIS-PURISSIMA ELEMENTARY SCHOOL FOUNDATION 102 W PORTOLA AVE LOS ALTOS, CA 94022	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	440	
BULLIS-PURISSIMA ELEMENTARY SCHOOL FOUNDATION 102 W PORTOLA AVE LOS ALTOS, CA 94022	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	360.	
BULLIS PURISSIMA ELEMENTARY SCHOOL FOUNDATION 102 WEST PORTOLA AVENUE LOS ALTOS, CA 94022	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	26,000	
BULLIS PURISSIMA ELEMENTARY SCHOOL FOUNDATION 102 W PORTOLA AVENUE LOS ALTOS, CA 94022	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	5,392	

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
BULLIS PURISSIMA ELEMENTARY SCHOOL FOUNDATION 102 W PORTOLA AVE LOS ALTOS, CA 94022	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
BULLIS-PURISSIMA ELEMENTARY SCHOOL FOUNDATION 102 W PORTOLA AVE LOS ALTOS, CA 94022	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE ANNUAL CAMPAIGN	26,000.
CALIFORNIA ACADEMY OF SCIENCES 55 MUSIC CONCOURSE DRIVE SAN FRANCISCO, CA 94118	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE CAMPAIGN FOR THE NEW ACADEMY FUND.	48,686.
CALIFORNIA ACADEMY OF SCIENCES 55 MUSIC CONCOURSE DRIVE SAN FRANCISCO, CA 94118	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS CLINIC IN ARIZONA IN HONOR OF MS BARBARA L AHERTON.	4,000.
CALIFORNIA ACADEMY OF SCIENCES 55 MUSIC CONCOURSE DR SAN FRANCISCO, CA 94118	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	398
CALIFORNIA ACADEMY OF SCIENCES 55 MUSIC CONCOURSE DR SAN FRANCISCO, CA 94118	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	500.

FORM 990EE, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

RECIPIENT NAME AND ADDRESS

AMOUNT

FOUNDATION STATUS OF RECIPIENT

PURPOSE OF GRANT OR CONTRIBUTION

CALIFORNIA BACH SOCIETY
PMB 428 HC 01 BOX 29030 00725
CAGUAS
PR
PERU

NONE
501(C) (3) 509(A) (1)

CALIFORNIA PACIFIC MEDICAL CENTER FOUNDATION
2015 STEINER STREET
SAN FRANCISCO, CA 94115

NONE
501(C) (3) 509(A) (1)

CALIFORNIA STATE PARKS FOUNDATION
50 FRANCISCO ST , SUITE 110
SAN FRANCISCO, CA 94133

NONE
501(C) (3) 509(A) (1)

CALIFORNIA STATE PARKS FOUNDATION
50 FRANCISCO STREET
SAN FRANCISCO, CA 94133

NONE
501(C) (3) 509(A) (1)

CALIFORNIA STATE PARKS FOUNDATION
50 FRANCISCO STREET, SUITE 110
SAN FRANCISCO, CA 94133

NONE
501(C) (3) 509(A) (2)

CALIFORNIA STATE PTA
2327 L STREET
SACRAMENTO, CA 95816-5014

IN SUPPORT OF GENERAL OPERATIONS
50.
IN SUPPORT OF GENERAL OPERATIONS
370.

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

<u>RECIPIENT NAME AND ADDRESS</u>	<u>FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CATHOLIC CHARITIES OF THE EAST BAY 433 JEFFERSON ST OAKLAND, CA 94607	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE CAMPAIGN FOR HUMAN DEVELOPMENT.	1,000
CAN DO EDUCATION FOUNDATION P O BOX 6182 SAN RAFAEL, CA 94903	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	900.
CANCER PREVENTION INSTITUTE OF CALIFORNIA 2201 WALNUT AVE SUITE 300 FREMONT, CA 94538	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	1,000
CASA DE LOS NIÑOS 1101 N. 4TH AVENUE TUCSON, AZ 85705-7467	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	500
CATHOLIC CHARITIES OF THE EAST BAY 433 JEFFERSON STREET OAKLAND, CA 94607-3592	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	700
CATHOLIC RELIEF SERVICES, INC P O. BOX 17090 BALTIMORE, MD 21203-7090	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	700

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND</u>	<u>FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CDM AQUATICS FEDERATION 500 NEWPORT CENTER DR STE 580 NEWPORT BEACH, CA 92660	NONE	501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	2,300.
CDM GIRLS WATER POLO FOUNDATION 500 NEWPORT CENTER DR	NONE	501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS IN HONOR OF KELLY GRADY.	2,300
CHABOT SPACE & SCIENCE CENTER FOUNDATION 10000 SKYLINE BLVD OAKLAND, CA 94619	NONE	501 (C) (3) 509 (A) (3) -III	IN SUPPORT OF GENERAL OPERATIONS.	
CHARLES ARMSTRONG SCHOOL 1405 SOLANA DRIVE BELMONT, CA 94002-3653	NONE	501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	500
CHEMICAL HERITAGE FOUNDATION 315 CHESTNUT STREET PHILADELPHIA, PA 19106	NONE	501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	400
CHICAGO PUBLIC MEDIA INC 848 E GRANT, 3RD FLOOR CHICAGO, IL 60611	NONE	501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	120.

RECIPIENT NAME AND ADDRESS AND RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
CILDREN S HOSPITAL & RESEARCH CENTER FOUNDATION 2201 BROADWAY SUITE 600 OAKLAND, CA 94612	IN SUPPORT OF RESEARCH IN THE LABORATORIES OF VLADIMIR SERIKOV, JULIE SABA, AND JANELLE NOBLE.	15,000
CILDREN S HOSPITAL & RESEARCH CENTER FOUNDATION 2201 BROADWAY, SUITE 600 OAKLAND, CA 94609-1809	IN SUPPORT OF GENERAL OPERATIONS	8,000
CHP 11-99 FOUNDATION 2244 NORTH STATE COLLEGE BLVD. FULLERTON, CA 92831	IN SUPPORT OF GENERAL OPERATIONS.	1,000.
CHRIST UNITED PRESBYTERIAN CHURCH 1700 SUTTER STREET SAN FRANCISCO, CA 94115	IN SUPPORT OF THE SUMMER CAMP PROGRAM	200
CHRONICLE SEASON OF SHARING FUND P.O. BOX 44740 SAN FRANCISCO, CA 94144	IN SUPPORT OF GENERAL OPERATIONS	400
CITY LIGHTS PERFORMANCE GROUP OF SAN JOSE INC 529 S SECOND STREET SAN JOSE, CA 95112	IN SUPPORT OF GENERAL OPERATIONS.	350

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

RECIPIENT NAME AND ADDRESS

AND

FOUNDATION STATUS OF RECIPIENT

PURPOSE OF GRANT OR CONTRIBUTION

COASTSIDE ADULT DAY HEALTH CENTER
645 CORREAS STREET
HALF MOON BAY, CA 94019

SEE COLLEGE PREP INC
145 NATOMA, 3RD FLOOR
SAN FRANCISCO, CA 94015

COMMONWEAL
P. O. BOX 316
BOLINAS, CA 94924

COMMUNITY FOOD BANK OF SOUTHERN ARIZONA
PO BOX 26727
TUCSON, AZ 85726-6727

COMMUNITY FOOD BANK OF SOUTHERN ARIZONA
P.O. BOX 26727
TUCSON, AZ 85726-6727

COMPUTER HISTORY MUSEUM
1401 NORTH SHORELINE BLVD
MOUNTAIN VIEW, CA 94041

IN SUPPORT OF GENERAL OPERATIONS.

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CONCORD COALITION 1011 ARLINGTON BLVD SUITE 300 ARLINGTON, VA 22209	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	500.
CONGREGATION BETH DAVID 19700 PROSPECT RD SARATOGA, CA 95070	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	2,450
CONGREGATION EMANU-EL 2 LAKE STREET SAN FRANCISCO, CA 94118	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	2,000.
CONSERVACION PATAGONICA 1062 FORT CRONKITE SAUSALITO, CA 94965	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000.
CONSERVACION PATAGONICA 1062 FORT CRONKITE SAUSALITO, CA 94965	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DRIVE, SUITE 500 ARLINGTON, VA 22202	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE BETTY AND GORDON MOORE CENTER FOR SCIENCE AND OCEANS.	20,000

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DRIVE, SUITE 500 ARLINGTON, VA 22202	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	6,000
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DRIVE, SUITE 500 ARLINGTON, VA 22202	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE 25TH ANNIVERSARY FUND	1,700.
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DR., SUITE 500 ARLINGTON, VA 22202	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE 25TH ANNIVERSARY FUND	10,000.
CONSUMER REPORTS FOUNDATION 101 TRUMAN AVENUE YONKERS, NY 10703	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS	300.
CORAL REEF ALLIANCE 351 CALIFORNIA STREET SAN FRANCISCO, CA 94104	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE ALLIANCE'S WORK IN ROATAN HONDURAS.	2,000.
CORO CENTER FOR CIVIC LEADERSHIP 601 MONTGOMERY STREET, SUITE 800 SAN FRANCISCO, CA 94111	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	200.

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
Covenant House 461 EIGHTH AVE NEW YORK, NY 10001	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	700.
CRYSTAL SPRINGS UPLANDS SCHOOL 400 UPLANDS DRIVE HILLSBOROUGH, CA 94010	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	1,900.
CRYSTAL SPRINGS UPLANDS SCHOOL 400 UPLANDS DRIVE HILLSBOROUGH, CA 94010	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	5,000.
DANCERS GROUP 1360 MISSION STREET #200 SAN FRANCISCO, CA 94130	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT PUSH UP SOMETHING HIDDEN	4,000.
DEL DIOS MIDDLE SCHOOL 1400 WEST 9TH AVENUE ESCONDIDO, CA 92029	NONE 501 (C) (3) 509 (A) (1)	IN HONOR OF THE WORK OF LETICIA FIERRO AT DEL DIOS MIDDLE SCHOOL	200.
DOCTORS WITHOUT BORDERS USA INC 333 7TH AVENUE 2ND FLOOR NEW YORK, NY 10001	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	700

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND RECIPIENT NAME AND ADDRESS		FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
DOCTORS WITHOUT BORDERS USA INC. 333 7TH AVE NEW YORK, NY 10001		NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	500.
DOCTORS WITHOUT BORDERS USA INC 333 SEVENTH AVE, 2ND FLOOR NEW YORK, NY 10001		NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	120.
DOCTORS WITHOUT BORDERS USA INC 333 7TH AVENUE, 2ND FLOOR NEW YORK, NY 10001		NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	280
DONORSCHOOSE 213 WEST 35TH STREET, 2ND FLOOR EAST NEW YORK, NY 10001		NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GREENHOUSE TOOLS FOR LEARNING IN HONOR OF ANN WING	300
DRAG RACING ASSOCIATION OF WOMAN 4 HANCE DRIVE CHARLESTON, IL 61920		NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	200
EAST BAY SOC FOR THE PREVENTION OF CRUELTY TO ANIM 410 HEGBENBERGER LOOP OAKLAND, CA 94621		NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	500

FORM 990EE, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND</u>	<u>FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
ECOTRUST 721 NW 9TH AVENUE PORTLAND, OR 97209	NONE 501(C)(3) 509(A)(1)	IN SUPPORT OF GENERAL OPERATIONS.		5,000.
ECOTRUST 721 NW NINTH AVENUE PORTLAND, OR 97209	NONE 501(C)(3) 509(A)(1)	IN SUPPORT OF GENERAL OPERATIONS		5,000.
EDGEWOOD CENTER FOR CHILDREN AND FAMILIES 1801 VICENTE STREET SAN FRANCISCO, CA 94116	NONE 501(C)(3) 509(A)(1)	IN SUPPORT OF GENERAL OPERATIONS		700.
EL CAMINO HOSPITAL FOUNDATION PARK PAVILION, 2500 NORTH DRIVE MOUNTAIN VIEW, CA 94040	NONE 501(C)(3) 509(A)(1)	IN SUPPORT OF GENERAL OPERATIONS		10,000.
ELDERGIVERS 1755 CLAY STREET SAN FRANCISCO, CA 94109	NONE 501(C)(3) 509(A)(1)	IN SUPPORT OF GENERAL OPERATIONS		3,000

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
EMBARCADERO YMCA 149 STEWARD STREET SAN FRANCISCO, CA 94105	NONE 501(C) (3) 509(A) (2)	IN SUPPORT OF GENERAL OPERATIONS	200
EMBRACE GLOBAL 201 SPEAR STREET, SUITE 1100 SAN FRANCISCO, CA 94105	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
ESCUELA POPULAR EDUCATION ACADEMY 149 N. WHITE ROAD SAN JOSE, CA 95127	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	2,000.
ETHICAL CULTURE FIELDSTON SCHOOL 3901 FIELDSTON ROAD BRONX, NY 10471	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF THE FIELDSTON ENRICHMENT PROGRAM.	200
EXPLORATORIUM 2601 LYON STREET SAN FRANCISCO, CA 94123	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	5,300
EXPLORATORIUM 3601 LYON STREET SAN FRANCISCO, CA 94123	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,700.

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND</u>	<u>FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
EXPLORATORIUM 3601 LYON STREET SAN FRANCISCO, CA 94123	NONE 501(C) (3) 509(A) (1)	NON 501(C) (3) 509(A) (1)	IN SUPPORT OF THE 2012 AWARDS EVENT.	7,000
EXPLORATORIUM 3601 LYON ST SAN FRANCISCO, CA 94123	NONE 501(C) (3) 509(A) (1)	NON 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	4,000
FAMILY AND CHILDREN SERVICES 375 CAMBRIDGE AVENUE PALO ALTO, CA 94306	NONE 501(C) (3) 509(A) (1)	NON 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	2,000
FAMILY AND CHILDREN SERVICES 375 CAMBRIDGE AVE PALO ALTO, CA 94306	NONE 501(C) (3) 509(A) (1)	NON 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	2,334.
FINE ARTS MUSEUMS OF SAN FRANCISCO 50 HAGIWARA TEA GARDEN DRIVE SAN FRANCISCO, CA 94118	NONE 501(C) (3) 509(A) (1)	NON 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	250
FINE ARTS MUSEUMS OF SAN FRANCISCO 50 HAGIWARA TEA GARDEN DRIVE SAN FRANCISCO, CA 94118	NONE 501(C) (3) 509(A) (1)	NON 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	190.

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

RECIPIENT NAME AND ADDRESS

FIRST DESCENTS
767 SANTA FE DRIVE
DENVER, CO 80224

FOOD ALLERGY & ANAPHYLAXIS NETWORK
11781 LEE JACKSON HWY , SUITE 160
FAIRFAX, VA 22033-3309

FOOTHIL- DEANZA FOUNDATION
12345 EL MONTE ROAD
LOS ANGELES, CALIFORNIA 91022

FOOTHILL COLLEGE WOMEN'S BASKETBALL FOUNDATION
12345 EL MONTE ROAD
EL MONTE, CA 91732

FRIENDS OF SCHOOL OF THE ART FOUNDATION
236 WEST PORTAL AVENUE, BOX 844
SAN FRANCISCO, CA 94127

THE FRIENDS OF SCHOOL OF THE ARTS FOUNDATION
236 WEST PORTAL DRIVE, # 844
SAN FRANCISCO, CA 94127

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR
AND
FOUNDATION STATUS OF RECIPIENT

NONE
501 (C) (3) 509 (A) (1)

<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
IN SUPPORT OF GENERAL OPERATIONS	20,000.
IN SUPPORT OF GENERAL OPERATIONS.	200
IN SUPPORT OF GENERAL OPERATIONS.	400.
IN SUPPORT OF GENERAL OPERATIONS	500.
IN SUPPORT OF GENERAL OPERATIONS	460
IN SUPPORT OF GENERAL OPERATIONS	400.

FORM 500PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
FRIENDS OF SCHOOL OF THE ARTS FOUNDATION 236 WEST PORTAL DR #844 SAN FRANCISCO, CA 94127	NONE 501 (C) (3) 509 (A) (1)	FOR GENERAL OPERATIONS IN MEMORY OF MERRY RENK.	1,000.
GIDEON HAUSNER JEWISH DAY SCHOOL 450 SAN ANTONIO RD PALO ALTO, CA 94306	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	1,188
GIDEON HAUSNER JEWISH DAY SCHOOL 450 SAN ANTONIO RD PALO ALTO, CA 94306	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	100.
GIRLS 2000 763 JERROLD AVENUE SAN FRANCISCO, CA 94124	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF FUNDRAISING EFFORTS	50.
GIVE WELL 320 7TH AVE #232 BROOKLYN, NY 11215	NONE 501 (C) (3) 509 (A) (1)	FOR GENERAL OPERATIONS IN HONOR OF CAMELLIA PHAM	
GLADNEY CENTER FOR ADOPTION 6300 JOHN RYAN DRIVE FORT WORTH, TX 76132-4122	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200

ATTACHMENT 21

1164JL 2789

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
GLOBAL STICKY NETWORK 1048 IRVINE AVE, SUITE 730 NEWPORT BEACH, CA 92660	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	6,900
GRIST MAGAZINE INC 710 SECOND AVENUE, SUITE 860 SEATTLE, WA 98104	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200
GUJRI FOUNDATION INC P O BOX 1028 VACAVILLE, CA 95696	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	13,000.
GUJRI FOUNDATION INC PO BOX 1028 VACAVILLE, CA 95687	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	7,000
UNIVERSITY OF CALIFORNIA BERKELEY FOUNDATION 2001 ADDISON STREET, 1ST FLOOR BERKELEY, CA 94720	NONE GOVERNMENTAL UNIT	IN SUPPORT OF THE HAAS SCHOOL OF BUSINESS	700
HABITAT FOR HUMANITY EAST BAY 2619 BROADWAY OAKLAND, CA 94612	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	600

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
HABITAT FOR HUMANITY-SILICON VALLEY 513 VALLEY WAY MILPITAS, CA 95035	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	300
PRESIDENT AND FELLOW OF HARVARD COLLEGE 124 MOUNT AUBURN STREET CAMBRIDGE, MA 02138	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	300
HEALTHY LEARNING PATHS INCORPORATED 11258 DECATUR CIRCLE WESTMINSTER, CO 80234-2778	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	150.
HEALTHY LEARNING PATHS INCORPORATED 11258 DECATUR CIRCLE WESTMINSTER, CO 80234-2778	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	100.
HEIFER INTERNATIONAL 1 WORLD AVENUE LITTLE ROCK, AR 72202	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	600
HOWARD JARVIS TAXPAYERS FOUNDATION 921 11TH STREET, SUITE 1201 SACRAMENTO, CA 95814	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	700

RECIPIENT NAME AND ADDRESS		RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND <u>FOUNDATION STATUS OF RECIPIENT</u>	PURPOSE OF GRANT OR CONTRIBUTION	<u>AMOUNT</u>
HUMANE SOCIETY SILICON VALLEY 901 AMES AVENUE MILPITAS, CA 950352	NONE 501(C)(3)509(A)(1)		IN SUPPORT OF GENERAL OPERATIONS	700
HUMANE SOCIETY OF SOUTHERN ARIZONA 3450 N KELVIN BLVD TUCSON, AZ 85716-1326	NONE 501(C)(3)509(A)(1)		IN SUPPORT OF GENERAL OPERATIONS	100
JAPANESE COMMUNITY YOUTH COUNCIL 2012 PINE STREET SAN FRANCISCO, CA 94115	NONE 501(C)(3)509(A)(1)		IN SUPPORT OF GENERAL OPERATIONS IN HONOR OF MORGAN MURAMOTO	80
JEWISH COMMUNITY FEDERATION OF SF, MARIN 121 STEUART STREET SAN FRANCISCO, CA 94105	NONE 501(C)(3)509(A)(1)		IN SUPPORT OF GENERAL OPERATIONS	72
JEWISH COMMUNITY FEDERATION OF SF, MARIN 120 STEUART STREET SAN FRANCISCO, CA 94105	NONE 501(C)(3)509(A)(1)		IN SUPPORT OF GENERAL OPERATIONS.	730.
JEWISH COMMUNITY FEDERATION OF SF, MARIN 121 STEUART STREET SAN FRANCISCO, CA 94105	NONE 501(C)(3)509(A)(1)		IN SUPPORT OF GENERAL OPERATIONS	500

FORM 900DF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR.

RECIPIENT NAME AND ADDRESS		RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
JOB TRAIN, INC 1200 O BRIEN DRIVE MENLO PARK, CA 94025	NONE 501(C) (3) 509 (A) (1)		IN SUPPORT OF GENERAL OPERATIONS DANA FUND	500
JOYCE IVY FOUNDATION P.O. BOX 2396 ANN ARBOR, MI 48106	NONE 501(C) (3) 509 (A) (1)		IN SUPPORT OF GENERAL OPERATIONS	1,500
JOYCE IVY FOUNDATION P.O. BOX 2396 ANN ARBOR, MI 48106	NONE 501(C) (3) 509 (A) (1)		IN SUPPORT OF GENERAL OPERATIONS	16,000
KALW 91.7 FM 500 MANSELL STREET SAN FRANCISCO, CA 94134-1858	NONE 501(C) (3) 509 (A) (1)		IN SUPPORT OF GENERAL OPERATIONS	100
KENTFIELD SCHOOLS FOUNDATION 750 COLLEGE AVE KENTFIELD, CA 94904	NONE 501(C) (3) 509 (A) (1)		IN SUPPORT OF GENERAL OPERATIONS	7,000
KID STOCK INC. 1539 FUNSTON AVENUE SAN FRANCISCO, CA 94105	NONE 501(C) (3) 509 (A) (2)		IN SUPPORT OF GENERAL OPERATIONS	18,000

ATTACHMENT 21 (CONT'D)

FORM 990PF - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RECIPIENT NAME AND ADDRESS		RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
KIDDO MILL VALLEY SCHOOLS COMMUNITY FOUNDATION 409 SYCAMORE AVE MILL VALLEY, CA 94941	NONE 501 (C) (3) 509 (A) (1)		FOR THE 2012 ANNUAL CAMPAIGN	8,636.
KQED INC 2601 MARIPOSA STREET SAN FRANCISCO, CA 94110	NONE 501 (C) (3) 509 (A) (1)		IN SUPPORT OF GENERAL OPERATIONS	700
KQED INC 2601 MARIPOSA STREET SAN FRANCISCO, CA 94110	NONE 501 (C) (3) 509 (A) (1)		IN SUPPORT OF GENERAL OPERATIONS STUDENT RESEARCH, IN HONOR OF GEORGE WILLIAMS	200
KQED INC 2601 MARIPOSA STREET SAN FRANCISCO, CA 94110	NONE 501 (C) (3) 509 (A) (1)		IN SUPPORT OF GENERAL OPERATIONS	90.
KQED INC 2601 MARIPOSA STREET SAN FRANCISCO, CA 94110	NONE 501 (C) (3) 509 (A) (1)		IN SUPPORT OF GENERAL OPERATIONS.	300
KQED INC 2601 MARIPOSA STREET SAN FRANCISCO, CA 94110-1426	NONE 501 (C) (3) 509 (A) (1)		SUSAN KOMEN 3-DAY FOR THE CURE	600.
KQED INC 2601 MARIPOSA STREET SAN FRANCISCO, CA 94110	NONE 501 (C) (3) 509 (A) (1)		IN SUPPORT OF GENERAL OPERATIONS	600.

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

RECIPIENT NAME AND ADDRESS

THE JOURNAL OF CLIMATE

IN SUPPORT OF GENERAL OPERATIONS
NONE

22601 MARIPOSA ST
SAN FRANCISCO, CA 94110

KQED INC
2601 MARIPOSA STREET
SAN FRANCISCO, CA 94110

KQED INC
2001 MARIPOSA ST
SAN FRANCISCO, CA 94103-3004
IN SUPPORT OF GENERAL OPERATIONS.
501(C)(3) 509(A)(1)
NONE
608

ISBN 978-1-59722-700-0
SAN FRANCISCO, CA 94110

KOLD INC
2201 MARIPOSA STREET
IN SUPPORT OF GENERAL OPERATIONS
501(C)(3) 509(A)(1)
NONE
300

ISBN FRANCISCO, CA 94110-1426

KQED INC
2200 MARIPOSA STREET
SAN FRANCISCO, CALIFORNIA 94107
IN SUPPORT OF GENERAL OPERATIONS
501(C) (3) 509(A)(1)
NONE
300.

SAN FRANCISCO, CA 94110

FOUNDATION FOR CREATIVE BROADCASTING, INC
220 SOUTH FOURTH AVENUE
NONE
501(C)(3) 509(A)(1)
IN SUPPORT OF GENERAL OPERATIONS.
400

TUCSON, AZ 85701

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
LAKESHORE ALTERNATIVE ELEMENTARY SCHOOL PTA 220 MIDDLEFIELD DR SAN FRANCISCO, CA 94132	NONE 501(C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	460.
REGENTS OF THE UNIVERSITY OF CALIFORNIA UNIVERSITY OF CALIFORNIA, #5200 BERKELEY, CA 94720-5200	NONE 501(C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	2,000
LEUKEMIA & LYMPHOMA SOCIETY INC. 221 MAIN STREET, SUITE 1650 SAN FRANCISCO, CA 94105	NONE 501(C) (3) 509 (A) (1)	IN SUPPORT OF THE SAN FRANCISCO CHAPTER.	100.
LEUKEMIA & LYMPHOMA SOCIETY INC. 6033 WEST CENTURY BLVD LOS ANGELES, CA 90045	NONE 501(C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	500.
LEUKEMIA & LYMPHOMA SOCIETY INC 1311 MAMARONECK AVENUE, SUITE 310 WHITE PLAINS, NY 10605	NONE 501(C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	200.
LIBERTY HILL FOUNDATION 6420 WILSHIRE BLVD SUITE 700 LOS ANGELES, CA 90048	NONE 501(C) (3) 509 (A) (1)	FOR THE 10TH STREET SCHOLARSHIP FUND.	2,000

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
LIFE LAB SCIENCE PROGRAM 1156 HIGH STREET SANTA CRUZ, CA 95064	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	200
MAINE HANDICAPPED SKIING SUNDAY RIVER SKI RESORT, 8 SUNDANCE NEWRY, ME 04261	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS AREA	86.
GREATER BAY AREA MAKE A. WISH FOUNDATION INC 55 HAWTHORNE STREET, SUITE 800 SAN FRANCISCO, CA 94105	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE JAZZERCISE 2012 EVENT.	100
MARCH OF DIMES 101 MONTGOMERY STREET SAN FRANCISCO, CA 94111	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	50
MARIN GIRLS CHORUS PO BOX 905 NOVATO, CA 94948	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	100
MARIN GIRLS CHORUS P O. BOX 905 NOVATO, CA 94948	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	200

FORM 900PF - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RECIPIENT NAME AND ADDRESS		RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND <u>FOUNDATION STATUS OF RECIPIENT</u>	PURPOSE OF GRANT OR CONTRIBUTION	<u>AMOUNT</u>
MAYA CENTER FOR RURAL EDUCATION AND WELL-BEING P O BOX 55 DANVILLE, CA 94526		NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	100
MEMORIAL SLOAN-KETTERING CANCER CENTER 633 THIRD AVENUE, 28TH FLOOR NEW YORK, NY 10017		NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE CYCLE FOR SURVIVAL 2012	50.
MENDOCINO LAND TRUST PO BOX 1094 MENDOCINO, CA 95460		NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	300
MENLO SCHOOL 50 VALPARASO AVENUE ATHERTON, CA 94027		NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	24,000
MEROLA OPERA PROGRAM 301 VAN NESS AVE SAN FRANCISCO, CA 94102		NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	500
MONTANA METH PROJECT P. O. BOX 8944 MISSOULA, MT 59807		NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	500

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
MOUNTAIN VIEW EDUCATION FOUNDATION PO BOX 391557 MOUNTAIN VIEW, CA 94039-1557	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	1,000
MOUNTAIN VIEW EDUCATIONAL FOUNDATION PO BOX 391557 MOUNTAIN VIEW, CA 94039	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	1,000.
LOS ALTOS COMMUNITY FOUNDATION 183 HILLVIEW AVENUE LOS ALTOS, CA 94022	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	700
NATIONAL ACADEMY OF ENGINEERING 201 CONSTITUTION AVE NW WASHINGTON, DC 20418	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000.
NATIONAL ACADEMY OF SCIENCES 500 5TH STREET WASHINGTON, DC 20001	NONE 501 (C) (3) 509 (A) (1)	FOR THE COMMITTEE ON HUMAN RIGHTS OF THE NATIONAL ACADEMIES	10,000
NATIONAL ADVOCATES FOR PREGNANT WOMEN 15 W. 36TH STREET, SUITE 901 NEW YORK, NY 10018	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	500

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
NATIONAL CENTER FOR LESBIAN RIGHTS 870 MARKET STREET, SUITE 370 SAN FRANCISCO, CA 94102	NONE 501 (C) (3)(509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	7,000
NATIONAL CENTER FOR SCIENCE EDUCATION INC. 420 40TH ST , SUITE 2 OAKLAND, CA 94609-2509	NONE 501 (C) (3)(509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	2,000
NATIONAL MULTIPLE SCLEROSIS SOCIETY 1117 PERIMETER CENTER WEST, SUITE E101 ATLANTA, GA 30338	NONE 501 (C) (3)(509 (A) (1)	IN SUPRT OF GENERAL OPERATION IN HONOR OF CYNTHIA GIBSON COOK	360
NATIONAL MULTIPLE SCLEROSIS SOCIETY 1700 OWENS ST. STE 190 SAN FRANCISCO, CA 94158	NONE 501 (C) (3)(509 (A) (1)	IN SUPPORT OF THE WALK MS 2012 - WALNUT CREEK IN MAY 2012, IN HONOR OF PARTICIPANTS MONDONA REGAN AND REGINA FAKE	50.
NATIONAL MULTIPLE SCLEROSIS SOCIETY 1700 OWENS ST STE 190 SAN FRANCISCO, CA 94158	NONE 501 (C) (3)(509 (A) (1)	IN SUPPORT OF THE BIKE MS WAVES TO WINE RIDE 2012, IN HONOR OF PARTICIPANT KELLY GRADY	50.
NATIONAL OVARIAN CANCER COALITION INC PO BOX 655 CROWNNSVILLE, MD 21032	NONE 501 (C) (3)(509 (A) (1)	TO SUPPORT GENERAL OPERATIONS IN HONOR OF PARTICIPANT KELLY KRYC	50

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
NATIONAL PARKS CONSERVATION ASSOCIATION 777 6TH STREET, NW, SUITE 700 WASHINGTON, DC 20011	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	200
NATIONAL PARKS CONSERVATION ASSOCIATION 777 6TH STREET NW, SUITE 700 WASHINGTON, DC 20001	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	200
THE NATURE CONSERVANCY 4245 N FARFAX DRIVE, SUITE 100 ARLINGTON, VA 22203	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	800
NEWMAN HALL/HOLY SPIRIT PARISH 2700 DWIGHT WAY BERKELEY, CA 94704	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	3,000
NEWMAN HALL/HOLY SPIRIT PARISH 2700 DWIGHT WAY BERKELEY, CA 94704	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	3,000.
NIHONMACHI LITTLE FRIENDS 2031 BUSH STREET SAN FRANCISCO, CA 94115	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT GENERAL OPERATIONS IN HONOR OF COLIN MURAMOTO.	100.

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
NORTH ATLANTIC SALMON FUND C/O JOHN ASTON, PO BOX 6176 KETCHUM, ID 83340	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	3,000
NORTH ATLANTIC SALMON FUND C/O JOHN ASTON, PO BOX 6176 KETCHUM, ID 83340	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	2,500
NOTRE DAME HIGH SCHOOL 1540 RALSTON AVENUE, BELMONT, CA 94002	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	2,000
NURU INTERNATIONAL 855 EL CAMINO REAL STE 13A-411 PALO ALTO, CA 94301	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	1,000
OAKLAND AVIATION MUSEUM 515 WEST HASTINGS STREET CANADA VANCOUVER B.C.	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	500
OCEAN CONSERVANCY INC 1300 19TH STREET NW WASHINGTON, DC 20036	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	5,000.

FORM 900PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
OLD PUEBLO TROLLEY, INC PO BOX 1373 TUCSON, AZ 85702	NONE 501 (C) (3) 509 (A) (1)	TO SPONSOR SASHA ABRAMS IN THE ARTS WALK SANTA CLARA 2012 IN SUPPORT OF SHADY SHAKESPEARE THEATER COMPANY.	200
ORCHARD VALLEY FINE ARTS FOUNDATION 1509 WARBURTON AVE SANTA CLARA, CA 95050	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	100.
ORCHARD VALLEY FINE ARTS FOUNDATION 1509 WARBURTON AVENUE SANTA CLARA, CA 95050	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS IN HONOR OF THE FAMILY OF HOA VOSCOTT AND NED SCHAB	700.
OUR FAMILY COALITION 1385 MISSION STREET, SUITE 340 SAN FRANCISCO, CA 94103	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	700
PACIFIC LEGAL FOUNDATION 930 G STREET SACRAMENTO, CA 95814	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000.
PALO ALTO MEDICAL FOUNDATION FOR HEALTH CARE 795 EL CAMINO REAL PALO ALTO, CA 94301	NONE 501 (C) (3) 509 (A) (1)		

FORM 9080F - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND</u>	<u>FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
PALO ALTO PARTNERS IN EDUCATION P.O. BOX 1557 PALO ALTO, CA 94302-1557	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200	
PARK SCHOOL PTA 360 EAST BLITHEDALE AVE MILL VALLEY, CA 94941	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	1,200	
PALO ALTO PARTNERS IN EDUCATION P.O. BOX 1557 PALO ALTO, CA 94302	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	160.	
PATHWAYS HOME HEALTH AND HOSPICE 585 NORTH MARY AVENUE SUNNYVALE, CA 94085	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	100	
PEACE CORPS 1111 20TH STREET NW WASHINGTON, DC 20526	NONE 501 (C) (3) 509 (A) (1)	IN HONOR OF KSENIIYA NATURINA FENNER'S PROJECT IN THE UKRAINE	200	
PENINSULA HUMANE SOCIETY & SPCA PO BOX 70 CANADA HAZELTON B C	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS	200	

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
PENINSULA HUMANE SOCIETY & SPCA 12 AIRPORT BLVD SAN MATEO, CA 94401	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS	200
PENINSULA OPEN SPACE TRUST PROL ARENALES NO 437 PERU LIMA PALO ALTO, CA 94301	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	2,000
PENINSULA YOUTH THEATRE 1700 ALAMEDA DE LAS PULGAS SAN MATEO, CA 94403	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	2,600
PEOPLE ORGANIZED TO WIN EMPLOYMENT RIGHTS 335 S. VAN NESS AVE, 2ND FLOOR MOUNTAIN VIEW, CA 94403	NONE 501 (C) (3) 509 (A) (2)	TO SUPPORT GENERAL OPERATIONS IN HONOR OF MARIO YEDIDA	144.
PHILHARMONIA BAROQUE ORCHESTRA 180 REDWOOD STREET, SUITE 200 SAN FRANCISCO, CA 94102	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	2,000

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND</u>	<u>FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
PENINSULA HUMANE SOCIETY & SPCA 1450 ROLLINS ROAD BURLINGAME, CA 94010		NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS	200.
PLANNED PARENTHOOD FEDERATION OF AMERICA INC PROL ARENALES NO 437 PERU LIMA		NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	200.
NEW YORK, NY 10001				
PLANNED PARENTHOOD MAR MONTE INC. 1691 THE ALAMEDA SAN JOSE, CA 95126		NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	700
POINT REYES NATIONAL SEASHORE ASSOCIATION 1 BEAR VALLEY ROAD, BLDG 70 POINT REYES, CA 94956		NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS	150
PRATHAM USA 9703 RICHMOND AVE., SUITE 102 HOUSTON, TX 77042		NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	60
TRUSTEES OF PRINCETON UNIVERSITY 330 ALEXANDER STREET PRINCETON, NJ 08540		NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE TENNIS FACILITY.	11,314.

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
TRUSTEES OF PRINCETON UNIVERSITY BOX 5357 PRINCETON, NJ 08543	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.
PROJECT FOR PRIDE IN LIVING, INC 1035 EAST FRANKLIN AVE S MINNEAPOLIS, MN 55404	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS IN HONOR OF MEGHAN ELLIOT'S BOARD SERVICE	400
UNIVERSITY OF MIAMI 4600 RICKENBACKER CAUSEWAY VIRGINIA KEY, FL 33149	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE R. J. DUNLIAP MARINE CONSERVATION PROGRAM	
RALSTON MIDDLE SCHOOL 2675 RALSTON AVE BELMONT, CA 94002	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE ADCPT A BOOK PROGRAM	
RECLAIM CHILDHOOD 1268 COLUMBUS AVENUE, #162 SAN FRANCISCO, CA 94133	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	13,000
RECLAIM CHILDHOOD 1288 COLUMBUS AVENUE, #162 SAN FRANCISCO, CA 94133	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	1,000

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND RECIPIENT NAME AND ADDRESS		FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
RECLAIM CHILDHOOD 1288 COLUMBUS AVENUE #162 SAN FRANCISCO, CA 94133		NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	6,000.
RESPONSIBLE EATING AND LIVING 6776 BOOTH STREET, UNIT 3C FOREST HILLS, NY 11375		NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	2,000
PTA CALIFORNIA CONGRESS OF PARENTS TEACHERS 443 BURNETT AVENUE SAN FRANCISCO, CA 94131		NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF THE GARDEN, IN HONOR OF SOFIA AND HENRY NEVERKA	300
ROSS VALLEY NURSERY SCHOOL 689 SIR FRANCIS DRAKE BOULEVARD KENTFIELD, CA 94904		NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	910
ROSS VALLEY NURSERY SCHOOL 689 SIR FRANCIS DRAKE BLVD KENTFIELD, CA 94904		NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	2,000
RUTH ASAWA FUND 1116 CASTRO STREET SAN FRANCISCO, CA 94114		NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	500

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
SAN CARLOS EDUCATION FOUNDATION PO BOX 1214 SAN CARLOS, CA 94070	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	200.
SAN CARLOS EDUCATIONAL FOUNDATION PO BOX 1214 SAN CARLOS, CA 94070	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	2,000.
SAN FRANCISCO AIDS FOUNDATION 1035 MARKET ST, #400 SAN FRANCISCO, CA 94103	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE AIDS/LIFECYCLE RIDE IN HONOR OF DANIEL YEE.	
SAN FRANCISCO BACH CHOIR 2443 FILLMORE ST #195 SAN FRANCISCO, CA 94115	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS	500.
SAN FRANCISCO CHORAL ARTISTS 601 VAN NESS AVE #E SAN FRANCISCO, CA 94102	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	500.

ATTACHMENT 21 (CONT'D)

ATTACHMENT 21

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RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
SAN FRANCISCO CONSERVATORY OF MUSIC INC 50 OAK ST SAN FRANCISCO, CA 94102	NONE 501(C)(3), 509(A)(1)	IN SUPPORT OF GENERAL OPERATIONS.	300
SAN FRANCISCO FOOD BANK 900 PENNSYLVANIA AVENUE SAN FRANCISCO, CA 94107	NONE 501(C)(3), 509(A)(2)	IN SUPPORT OF GENERAL OPERATIONS.	400.
SAN FRANCISCO JAPANTOWN FOUNDATION 360 POST STREET, 8TH FLOOR SAN FRANCISCO, CA 94108	NONE 501(C)(3), 509(A)(1)	IN SUPPORT OF THE JYL PROGRAM	200
SAN FRANCISCO MUSEUM OF MODERN ART 151 THIRD STREET SAN FRANCISCO, CA 94103-3107	NONE 501(C)(3), 509(A)(1)	IN SUPPORT OF GENERAL OPERATIONS	230
SAN FRANCISCO PERFORMANCES 500 SUTTER ST, SUITE 710 SAN FRANCISCO, CA 94102	NONE 501(C)(3), 509(A)(1)	IN SUPPORT OF GENERAL OPERATIONS	500

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
SAN FRANCISCO SOCIETY FOR THE PREVENTION 6201 FLORIN PERKINS ROAD SACRAMENTO, CA 95828	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200
SAN FRANCISCO ZOOLOGICAL SOCIETY 1 ZOO ROAD SAN FRANCISCO, CA 94132	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	190
SAN FRANCISCO SYMPHONY 201 VAN NESS AVENUE SAN FRANCISCO, CA 94102	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	1,000
SANTA CLARA VANGUARD BOOSTER CLUB, INC. 1795 SPACE PARK DRIVE SANTA CLARA, CA 95054	NONE 501 (C) (3) 509 (A) (2)	FOR THE ALAN KOCH MEMORIAL SCHOLARSHIP FUND	4,500.
BELMONT-REDWOOD SHORES PUBLIC SCHOOL FNDN PO BOX 5196 BELMONT, CA 94002	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF THE READING POWER PROGRAM.	600
SECOND HARVEST FOOD BANK OF SANTA CLARA 750 CURTIER AVENUE SAN JOSE, CA 95125	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	100

FORM 5900E, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

RECIPIENT NAME AND ADDRESS		RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
SECOND HARVEST FOOD BANK OF SANTA CLARA 4001 NORTH 1ST ST SAN JOSE, CA 95134		NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000
SHADY SHAKESPEARE THEATRE COMPANY P.O. BOX 520 SANTA CLARA, CA 95052		NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	2,000
SHADY SHAKESPEARE THEATRE COMPANY P.O. BOX 520 SANTA CLARA, CA 95052		NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	200
SISTERS OF SAINT JOSEPH OF PHILADELPHIA 9701 GERMANTOWN AVENUE PHILADELPHIA, PA 19118		NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	600
TRUSTEES OF SMITH COLLEGE COLLEGE HALL 204, 10 ELM STREET NORTHAMPTON, MA 01063		NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	200
OLD PUEBLO TROLLEY, INC 414 N TOOLE AVENUE TUCSON, AZ 85701		NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	200

ATTACHMENT 21 (CONT'D)

ATTACHMENT 21

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
SPECIAL OLYMPICS ARIZONA INC PO BOX 7580 PHOENIX, AZ 85011-7580	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200
SPIRIT ROCK MEDITATION CENTER 5000 SIR FRANCIS DRAKE BOULEVARD WOODACRE, CA 94973	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	2,670
ST. PAUL S EPISCOPAL CHURCH 415 EL CAMINO REAL BURLINGAME, CA 94010	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	3,000
ST. PAUL S EPISCOPAL CHURCH 415 EL CAMINO REAL BURLINGAME, CA 94010	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
ST PAUL S EPISCOPAL CHURCH 415 EL CAMINO REAL BURLINGAME, CA 94010	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	3,500.
STANFORD UNIVERSITY BOARD OF TRUSTEES 326 GALVEZ STREET STANFORD, CA 94305-6105	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE JAMES GAITHER FUND	10,000.

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
STANFORD UNIVERSITY BOARD OF TRUSTEES 326 GALVEZ STREET STANFORD, CA 94305-6105	NONE 501(C)(3)509(A)(1)	IN SUPPORT OF THE LAW FUND - FINANCIAL AID	50,000
STAPLETON SCHOOL OF THE PERFORMING ARTS P. O. BOX 331 SAN ANSELMO, CA 949107	NONE 501(C)(3)509(A)(1)	IN SUPPORT OF GENERAL OPERATIONS	450
STERN GROVE FESTIVAL ASSOCIATION 832 FOLSOM STREET SAN FRANCISCO, CA 94107	NONE 501(C)(3)509(A)(1)	IN SUPPORT OF GENERAL OPERATIONS	200.
STRONG WOMEN, STRONG GIRLS INC 262 WASHINGTON STREET, SUITE 602 BOSTON, MA 02108	NONE 501(C)(3)509(A)(1)	IN SUPPORT OF GENERAL OPERATIONS	200.
SUSTAINABLE SCIENCES INSTITUTE 870 MARKET STREET, SUITE 764 SAN FRANCISCO, CA 94102	NONE 501(C)(3)509(A)(1)	IN SUPPORT OF GENERAL OPERATIONS	2,000
SWIM ACROSS AMERICA INC ONE INTERNATIONAL PLACE, SUITE 4600 BOSTON, MA 02110	NONE 501(C)(3)509(A)(1)	TO SUPRRT GENERAL OPERATIONS IN HONOR OF SUSAN MAYFIELD.	500.

ATTACHMENT 21 (CONT'D.)

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
TAHOE MARITIME MUSEUM, INC. PO BOX 627 HOMEWOOD, CA 96141	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	200
TEEN CHALLENGE OF EAST BAY, INC. 2221 90TH AVENUE OAKLAND, CA 94603	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	100
TENDERLOIN NEIGHBORHOOD DEVELOPMENT CORPORATION 201 EDDY STREET SAN FRANCISCO, CA 94603	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS	200.
TENDERLOIN NEIGHBORHOOD DEVELOPMENT CORPORATION 201 EDDY STREET SAN FRANCISCO, CA 94102	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS	500.
AMYOTROPHIC LATERAL SCLEROSIS ASSOCIATION PO BOX 565 AGOURA HILLS,, CA 91376	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE NAPA RIDE TO DEFEAT ALS	150
AMYOTROPHIC LATERAL SCLEROSIS ASSOCIATION 315 NORWOOD PARK SOUTH, FIRST FLOOR NORWOOD, MA 02062	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF RIDE TO DEFEAT ALS - MA, IN HONOR OF PARTICIPANT DANIEL ROCHE.	70

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
THE AMERICAN CANCER SOCIETY 1250 WILLIAMS STREET NW ATLANTA, GA 30303-1002	NONE 501(C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	70
THE BONNIE J. ADDARIO LUNG CANCER FOUNDATION 1100 INDUSTRIAL ROAD, SUITE 1 SAN CARLOS, CA 94070	NONE 501(C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200
THE CHURCH OF ST. VINCENT DE PAUL 2320 GREEN STREET SAN FRANCISCO, CA 94123	NONE 501(C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	1,000
THE CHURCH OF ST. VINCENT DE PAUL 2340 GREEN STREET SAN FRANCISCO, CA 94123	NONE 501(C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000
DREXEL UNIVERSITY	NONE 501(C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.
HAMPSHIRE REGIONAL YMCA 286 PROSPECT ST NORTHAMPTON, MA 01060	NONE 501(C) (3) 509 (A) (1)	TO SUPPORT THE HAMPSHIRE REGIONAL YMCA	200.

FORM 990PF - PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
HISTIO CURE FOUNDATION 17011 LINCOLN AVENUE, #517 PARKER, CO 80134	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200
THE LEUKEMIA AND LYMPHOMA SOCIETY 221 MAIN STREET SUITE 1650 SAN FRANCISCO, CA 94105	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	1,060
ENORMOUS CHANGES INC. 1520 LYON STREET SAN FRANCISCO, CA 94115	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	4,600
MUSEUM OF AMERICAN HERITAGE 351 HOMER AVENUE, PO BOX 1731 PALO ALTO, CA 94302-1731	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE 2012 VINTAGE VEHICLES AND FAMILY FESTIVAL	2,500
NATIONAL MULTIPLE SCLEROSIS SOCIETY 214 OVERLOOK CIRCLE, STE. 153 BRENTWOOD, TN 37027	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE FEDEX ROCK-N-ROLL BIKE MS RIDE, IN HONOR OF PARTICIPANT KIM-AN HERNANDEZ	50
THE NATURE CONSERVANCY 4245 N. FAIRFAX DRIVE, SUITE 100 ARLINGTON, VA 22203	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	200

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
PAINTED TURTLE GANG CAMP FOUNDATION 1300 4TH STREET, SUITE 300 SANTA MONICA, CA 90401	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	10,000.
THE SAN CARLOS PARKS AND RECREATION FOUNDATION P.O. BOX 191 SAN CARLOS, CA 94070	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	1,500
STANFORD UNIVERSITY BOARD OF TRUSTEES 326 GALVEZ STREET STANFORD, CA 94305	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.
STANFORD UNIVERSITY BOARD OF TRUSTEES 326 GALVEZ STREET STANFORD, CA 94305-6105	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	500.
WESTFIELD SCHOOLS INC PO BOX 2300 PERRY, GA 31069	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT GENERAL OPERATIONS IN MEMORY OF BILL JERLES.	500
PTA CALIFORNIA CONGRESS OF PARENTS TEACHERS 1625 SAN LUIS AVENUE MOUNTAIN VIEW, CA 94043	NONE 501 (C) (3) 509 (A) (2)	FOR THE THEUERKAUF PTA READATHON FUNDRAISER	50.

ATTACHMENT 21 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
TIBETAN ASSOCIATION OF NORTHERN CALIFORNIA 5200 HUNTINGTON AVENUE, SUITE 200 RICHMOND, CA 94804	NONE 501(C)(3) 509(A)(1)	TO SUPPORT GENERAL OPERATIONS	10,000
TRAVIS ROY FOUNDATION 60 STATE STREET, 8TH FLOOR BOSTON, MA 02109	NONE 501(C)(3) 509(A)(1)	IN SUPPORT OF THE LONG TRAIL HIKE.	100
TROUT UNLIMITED 1300 N. 17TH STREET, SUITE 500 ARLINGTON, VA 22209	NONE 501(C)(3) 509(A)(1)	IN SUPPORT OF GENERAL OPERATIONS.	700.
TROUT UNLIMITED 1300 N. 17TH STREET, SUITE 500 ARLINGTON, VA 22209	NONE 501(C)(3) 509(A)(1)	IN SUPPORT OF GENERAL OPERATIONS.	20,000.
TRUSTEES OF DARTMOUTH COLLEGE 100 TUCK HALL HANOVER, NH 03755	NONE 501(C)(3) 509(A)(1)	IN SUPPORT OF THE TUCK SCHOOL OF BUSINESS	500.
TULSA COMMUNITY FOUNDATION 7030 SO YALE AVENUE, SUITE 600 TULSA, OK 74136	NONE 501(C)(3) 509(A)(1)	IN SUPPORT OF THE WILMA MANKILLER FOUNDATION FUND	3,340.

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
TUOLUMNE RIVER TRUST 111 NEW MONTGOMERY STREET, SUITE 205 SAN FRANCISCO, CA 94105	NONE 501(C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	800.
U S ENGLISH FOUNDATION 1747 PENNSYLVANIA AVENUE WASHINGTON, DC 20006	NONE 501(C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	600
UNIVERSITY OF CALIFORNIA BERKELEY FOUNDATION 308 MC LAUGHLIN HALL #1722 BERKELEY, CA 94720-1722	NONE 501(C) (3) 509 (A) (1)	FOR THE TOM BUDINGER STUDENT FUND IN ENGINEERING.	2,000
UNIVERSITY OF CALIFORNIA BERKELEY FOUNDATION 1 FACULTY CLUB BERKELEY, CA 94720-6050	NONE 501(C) (3) 509 (A) (1)	TO SUPPORT THE FACULTY CLUB CAMPAIGN.	5,000
REGENTS OF THE UNIVERSITY OF CALIFORNIA 4900 BROADWAY SACRAMENTO, CA 95820	NONE GOVERNMENTAL UNIT	IN SUPPORT OF THE UC DAVIS CANCER CENTER.	400
UNITARIAN UNIVERSALIST CHURCH OF BERKELEY 1 LAWSON ROAD KENSINGTON, CA 94707	NONE 501(C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	3,000

ATTACHMENT 21 (CONT'D)

FORM 990F... PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

<u>RECIPIENT NAME, AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND</u>	<u>FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
UNITED WAY SILICON VALLEY 1400 PARKMOOR AVENUE, SUITE 250 SAN JOSE, CA 95126	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	700	
UNIVERSITY OF CALIFORNIA BERKELEY FOUNDATION 417-H UNIVERSITY HALL #7360 BERKELEY, CA 94720-7360	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF THE WARREN WINKELSTEIN EPIDEMIOLOGY GRADUATE STUDENT SUPPORT PROGRAM	5,000.	
UC SANTA CRUZ FOUNDATION 1116 HIGH STREET SANTA CRUZ, CA 95064	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF THE LONG MARINE LAB	100	
REGENTS OF THE UNIVERSITY OF MICHIGAN 440 CHURCH STREET ANN ARBOR, MI 48109-1041	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF THE ROSINA M BIERBAUM AWARD IN CLIMATE ADAPTATION AND MITIGATION.	2,000	
UNIVERSITY OF PENNSYLVANIA 3451 WALNUT ST , FRANKLIN BUILDING PHILADELPHIA, PA 19085	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	2,000	
UN-SCRIPTED THEATER COMPANY 186 JERROLD AVE SAN FRANCISCO, CA 94124	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GENERAL OPERATIONS	1,000.	

ATTACHMENT 21 (CONT'D.)

FORM 990PF, PART XV - GRANTS AND CONTRIBUTIONS PAID DURING THE YEAR

ATTACHMENT 21 (CONT'D.)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
US FRIENDS OF THE DAVID SHELDICK WILDLIFE TRUST I 201 NORTH ILLINOIS STREET INDIANAPOLIS, IN 46204	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT GENFRAL OPERATIONS IN HONOR OF COLETTE FRENDERGAST	300.
VALLECITOS MOUNTAIN RANCH POST OFFICE BOX 3160 TAOS, NM 87571	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	700.
VANDERBILT UNIVERSITY 2301 VANDERBILT PLACE / FMB 407727 NASHVILLE, TN 37203-9700	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE JUSTICE-MOORE FAMILY SCHOLARSHIP AT VANDERBILT UNIVERSITY LAW SCHOOL.	10,000
VILLANOVA UNIVERSITY 800 EAST LANCASTER AVENUE VILLANOVA, PA 19085	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	10,000.
ALZHEIMERS ASSOCIATION - NORTHERN CALIFORNIA 31915 RANCH CALIFORNIA ROAD, #200-438 TEMECULA, CA 92591	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE 2012 WINE COUNTRY WALK TO END ALZHEIMERS, IN HONOR OF PARTICIPANT CHERYL JOHNSON	50
AMERICAN UNIVERSITY 4400 MASSACHUSETTS AVENUE, NW WASHINGTON, DC 20016-8082	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	1,000.

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
WASHINGTON IMPROV THEATER 1835 14TH STREET, NW WASHINGTON, DC 20009	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS	200
WATERKEEPER ALLIANCE 370 LEXINGTON AVE., STE 1505 NEW YORK, NY 10017	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE DEER VALLEY SKIFEST FUNDRAISER	8,334.
PTA CALIFORNIA CONGRESS OF PARENTS TEACHERS 1000 HIGH STREET SANTA CRUZ, CA 95060	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	400
WILD SALMON CENTER 721 NW 9TH AVENUE PORTLAND, OR 97209	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	5,000.
WILD SALMON CENTER 721 NW NINTH AVE., SUITE 300 PORTLAND, OR 97209	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	5,000
CONSERVATION EARTH DBA WILDLIFE ASSOCIATES P O. BOX 3098 HALF MOON BAY, CA 94109	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS.	700

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
WILDLIFE CONSERVATION NETWORK 25745 BASSETT LANE LOS ALTOS, CA 94022	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	600.
WILDLIFE CONSERVATION SOCIETY 2300 SOUTHERN BLVD. BRONX, NY 10460	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE RUN FOR THE WILD AT THE BRONX ZOO, IN HONOR OF PARTICIPANT MADELINE BIERBAUM	100.
WILDLIFE CONSERVATION SOCIETY 2300 SOUTHERN BLVD. BRONX, NY 10460	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE RUN FOR THE WILD AT THE BRONX ZOO, IN HONOR OF PARTICIPANT BRENDAN DALY.	100.
WILLIAMS COLLEGE 75 PARK STREET WILLIAMSTOWN, MA 01267	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	100.
WINDS ACROSS THE BAY 3020 EL CERRITO PLAZA #103 EL CERRITO, CA 94530-4002	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF GENERAL OPERATIONS	600.
WISEREARTH 3 GATE FIVE ROAD, SUITE D SAUSALITO, CA 94695	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE SUSTAINABILITY NETWORK PROJECT	50.

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND</u>	<u>FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
WOOD RIVER LAND TRUST COMPANY 119 E BULLION STREET HAILEY, ID 83333		NONE 501 (C) (3)(509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	3,000
WASHINGTON STATE UNIVERSITY FOUNDATION PO BOX 641925 PULLMAN, WA 99164-1925		NONE 501 (C) (3)(509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	2,000
YALE UNIVERSITY PO BOX 2038 NEW HAVEN, CT 06521		NONE 501 (C) (3)(509 (A) (1)	IN SUPPORT OF THE SCHOOL OF FORESTRY AND ENVIRONMENTAL STUDIES ANNUAL FUND.	1,000.
YALE UNIVERSITY P.O. BOX 2038 NEW HAVEN, CT 06521-2038		NONE 501 (C) (3)(509 (A) (1)	TO SUPPORT THE JOHN PAGE AUSTIN FELLOWSHIP AT YAL FUND.	39,926
YALE UNIVERSITY PO BOX 2038 NEW HAVEN, CT 06521		NONE 501 (C) (3)(509 (A) (1)	IN SUPPORT OF THE YALE GRADUATE SCHOOL ALUMNI FUND	1,000
YALE UNIVERSITY PO BOX 2038 NEW HAVEN, CT 06521-2038		NONE 501 (C) (3)(509 (A) (1)	TO SUPPORT YALE'S SCHOOL OF FORESTRY AND ENVIRONMENTAL STUDIES.	400

ATTACHMENT 21 (CONT'D)
RECIPIENT NAME AND ADDRESS
RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR
AND

<u>RECIPIENT NAME AND ADDRESS</u>	<u>FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
YELLOWSTONE PARK FOUNDATION 272 EAST MAIN STREET, SUITE 301 BOZEMAN, MT 59715	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	700
YOSEMITIE FOUNDATION 100 MONTGOMERY STREET, SUITE 1700 SAN FRANCISCO, CA 94104	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS	200
YOSEMITIE FOUNDATION 101 MONTGOMERY STREET, SUITE 1700 SAN FRANCISCO, CA 94104	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF GENERAL OPERATIONS.	200.
		TOTAL CONTRIBUTIONS PAID	<u>233,047.309.</u>

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
AG INNOVATIONS NETWORK 101 MORRIS ST , STE 212 SEBASTOPOL, CA 95472	NONE 501(C) (3) 509 (A) (1)	TO SUPPORT THE DEVELOPMENT OF A PLAN TO ACHIEVE SUSTAINABLE MANAGEMENT OF HALF THE WORLD'S OVERFISHED FISHERIES IN 10 YEARS. PROTECTION.	15,000
ALAMEDA COUNTY MEDICAL CENTER 1411 EAST 31ST STREET OAKLAND, CA 94602	NONE 501(C) (3) 509 (A) (1)	FOR IMPLEMENTATION OF A TRANSITIONAL CARE PROGRAM AT HIGHLAND HOSPITAL AIMED AT REDUCING THE 30-DAY ALL CAUSE READMISSION RATE BY AT LEAST 30% AND THE 90-DAY ALL CAUSE READMISSION RATE BY AT LEAST 15% FOR HIGH RISK PATIENTS COMPARED TO A 2010 BASELINE	100,926
ALASKA CONSERVATION FOUNDATION 441 WEST 5TH AVENUE SUITE 402 ANCHORAGE, AK 99501-2340	NONE 501(C) (3) 509 (A) (1)	TO ADVANCE THE CONSERVATION OF WILD SALMON ECOSYSTEMS IN SOUTHEAST ALASKA	302,500.
AMAZON CONSERVATION ASSOCIATION 1822 R ST NW, 4TH FLOOR WASHINGTON, DC 20009	NONE 501(C) (3) 509 (A) (1)	TO CONSOLIDATE THE MOSAIC OF SUSTAINABLE LIVELIHOODS AND CONSERVATION LANDS WITHIN THE 266,439 HECTARE MANU-TAMBOPATA CONSERVATION CORRIDOR.	499,997
AMERICAN ASSOCIATION OF COLLEGES OF NURSING ONE DUPONT CIRCLE, NW, SUITE 5300 WASHINGTON, DC 20036	NONE 501(C) (3) 509 (A) (1)	TO INCORPORATE REPRESENTATIVES FROM THE 10-COUNTY SAN FRANCISCO BAY AREA (SFBA) HOSPITALS IN THE QUALITY AND SAFETY EDUCATION FOR NURSING CURRICULUM ENHANCEMENT EFFORTS UNDERWAY WITH THE SFBA SCHOOLS OF NURSING AND TO IMPLEMENT A RIGOROUS EVALUATION OF THESE CURRICULUM ENHANCEMENT EFFORTS	121,000
ARIZONA BOARD OF REGENTS	NONE	IN SUPPORT OF DEVELOPING A COMPUTATIONAL SYSTEM FOR THE DYNAMIC VISUALIZATION AND SHARING OF EPIGENOMIC DATA FROM PLANTS, WHICH WILL STIMULATE INTERNATIONAL DATA SHARING AND RESULT IN NEW	109,171

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
SPONSORED PROJECTS SERVICES, P O BOX 3308 TUCSON, AZ 85722-3308	501 (C) (3) 509 (A) (1)	KNOWLEDGE ON HOW PLANTS CONTROL THE EXPRESSION OF GENES.	
ASSOCIAÇÃO DE DEFESA ETNOAMBIENTAL RUA DOM PEDRO II, 1892 78901-150 PORTO VELHO RONDÔNIA, BRAZIL	NONE EQUIV US PC	FOR ONGOING EFFORTS TO PREVENT DEFORESTATION AND MANAGE TROPICAL FORESTS IN THE SOUTHWESTERN BRAZILIAN AMAZON THROUGH IMPLEMENTATION OF FOREST MANAGEMENT TECHNIQUES, ORGANIZATIONAL STRENGTHENING AND CAPACITY BUILDING OF ENVIRONMENTAL NON-GOVERNMENTAL AND INDIGENOUS ORGANIZATIONS, AND TO SUPPORT REDUCING EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION EFFORTS	314,772
BANK INFORMATION CENTER 1100 H STREET, NW, SUITE 650 WASHINGTON, DC 20005	501 (C) (3) 509 (A) (1)	IN SUPPORT OF STRENGTHENING THE WORLD BANK'S KEY ENVIRONMENTAL SAFEGUARD POLICY	200,000
BATTELLE MEMORIAL INSTITUTE 505 KING AVENUE COLUMBUS, OH 43201	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE DEVELOPMENT OF AN ADVANCED COASTAL AND MARINE SPATIAL PLANNING (CMSP) CURRICULUM AND TRAIN COASTAL MANAGERS IN UP TO THREE U.S. REGIONS, BUILDING ON LESSONS LEARNED FROM MARINE SPATIAL PLANNING PROCESSES IN THE U.S. AND GLOBALLY, AND PROVIDE TOOLS, KNOWLEDGE, INFORMATION, AND CONNECTIONS WITH PEERS.	260,347
BC SPACES FOR NATURE SOCIETY PO BOX 673 VON 1VO GIBSONS B C. CANADA	NONE EQUIV US PC	TO REBUILD RECREATIONAL, CULTURAL AND ECONOMIC SECTOR ALLIANCES FOR CONSERVATION IN BRITISH COLUMBIA.	196,819.

RECIPIENT NAME AND ADDRESS AND FOUNDATION STATUS OF RECIPIENT	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
BIGELOW LABORATORY FOR OCEAN SCIENCES 180 MCKOWN POINT ROAD WEST BOOTHBAY HARBOR, ME 04575-0475	TO CHALLENGE THE PARADIGM THAT VIRUSES INFECT ONLY A NARROW RANGE OF HOSTS BY INVESTIGATING HOW VIRUSES THAT INFECT PHYTOPLANKTON MAY ALSO INFECT THE SMALL CRUSTACEANS THAT FEED UPON THEM. IF THIS CONCEPTUAL SHIFT PROVES CORRECT, IT WOULD FUNDAMENTALLY CHANGE SCIENTISTS' UNDERSTANDING OF VIRUS-HOST RELATIONSHIPS AND THE INFLUENCE OF VIRUSES ON HOST EVOLUTION	250,356
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	TO SUPPORT CALTECH'S TECHNOLOGY TECTONICS OBSERVATORY IN THE SECOND PHASE OF DEVELOPING A MULTIDISCIPLINARY FACILITY THAT COMBINES STATE-OF-THE-ART MONITORING NETWORKS AND INNOVATIVE OBSERVATIONS AT KEY TECTONICS BOUNDARIES WITH MODELING OF TECTONIC FORCES OVER A WIDE RANGE OF SPATIAL AND TEMPORAL SCALES. THE GOAL OF THE PROJECT IS TO UNDERSTAND AND EVENTUALLY PREDICT THE EARTH'S BEHAVIOR NEAR THE INTERSECTION OF KEY TECTONIC PLATES AND PROVIDE STRATEGIC INSIGHTS INTO A VARIETY OF DESTRUCTIVE PHENOMENA SUCH AS EARTHQUAKES, VOLCANIC ERUPTIONS, TSUNAMIS, LANDSLIDES, AND OTHER GEOCHEMICAL AND GEOPHYSICAL PROCESSES.	1,524,477
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	FOR ESTABLISHING CALTECH'S CENTER FOR ULTRAFAST SCIENCE AND TECHNOLOGY, FOCUSING ON FUNDAMENTAL STUDIES OF MOLECULAR COMPLEXITY, THE DEVELOPMENT OF THE TECHNOLOGY OF ULTRAFAST IMAGING, AND ITS APPLICATIONS TO REAL SYSTEMS OF PHYSICAL, CHEMICAL, AND BIOLOGICAL FUNCTION. OUTCOMES FOR THIS GRANT INCLUDE CREATION AND MAINTENANCE OF THE ULTRAFAST IMAGING FACILITY.	2,829,736.

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR
AND
FOUNDATION STATUS OF RECIPIENT

RECIPIENT NAME AND ADDRESS

CALIFORNIA INSTITUTE OF TECHNOLOGY
1200 EAST CALIFORNIA BOULEVARD
PASADENA, CA 91125

NONE
501(C) (3) 509(A) (1)

PURPOSE OF GRANT OR CONTRIBUTIONAMOUNT

TO ESTABLISH THE CENTER FOR COSMOCHEMICAL AND
GEOCHEMICAL MICROANALYSIS. THE CENTER WILL
SUSTAIN A PROGRAM OF THEORETICAL RESEARCH AIMED
AT ATTACKING THE PROBLEMS POSED BY DARK MATTER,
DARK ENERGY, AND THE EARLY UNIVERSE. OUTCOMES FOR
THIS GRANT INCLUDE THE ADDITION OF TWO SENIOR
SCIENTISTS (COSMOLOGY THEORISTS), ESTABLISHMENT
OF A DISTINGUISHED VISITING SCHOLARS PROGRAM AND
POSTDOCTORAL FELLOWSHIPS, AND MAINTENANCE OF THE
CENTER

IN SUPPORT OF DEVELOPING THE MOLECULAR BASIS FOR
DRIVING THE PHOTO-OXIDATION OF WATER TO ENABLE
FUEL PRODUCTION DIRECTLY FROM SUNLIGHT.

TO ESTABLISH THE INSTITUTE FOR QUANTUM
INFORMATION AND MATTER TO UNITE A DIVERSE
ON-CAMPUS COMMUNITY OF SCIENTISTS WHO WILL BE
ABLE TO EXPAND THEIR LEADING-EDGE RESEARCH ON
QUANTUM MATTER, QUANTUM LIGHT, QUANTUM
NANO-MECHANICS, AND QUANTUM INFORMATION SCIENCE.
THE CENTER WILL BECOME AN INTERNATIONALLY
RECOGNIZED ENTITY THAT SUBSTANTIALLY ENHANCES
CALTECH'S ABILITY TO RECRUIT THE VERY BEST
STUDENTS, POSTDOCS, AND FACULTY IN THIS IMPORTANT
FIELD.

TO ESTABLISH A CENTER FOR BIO-INSPIRED
ENGINEERING, WITH FACILITIES ON THE MAIN CAMPUS
OF CALTECH AND AT THE RECENTLY ESTABLISHED
CALTECH FIELD LABORATORY FOR OPTIMIZED WIND
ENERGY IN NORTHERN LOS ANGELES COUNTY. THE CENTER
WILL CARRY OUT RESEARCH, DEVELOPMENT, AND FIELD

2,453,781.

2,066,300

2,133,044.

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

RECIPIENT NAME AND ADDRESS

1200 EAST CALIFORNIA BOULEVARD
PASADENA, CA 91125

FOUNDATION STATUS OF RECIPIENT

501 (C) (3) 509 (A) (1)

PURPOSE OF GRANT OR CONTRIBUTION

TESTING OF NOVEL WIND ENERGY TECHNOLOGIES
INSPIRED BY ENGINEERING SOLUTIONS FOUND IN
NATURE.

CALIFORNIA INSTITUTE OF TECHNOLOGY
1200 EAST CALIFORNIA BOULEVARD
PASADENA, CA 91125

AMOUNT

2,131,000.

CALIFORNIA INSTITUTE OF TECHNOLOGY
1200 EAST CALIFORNIA BOULEVARD
PASADENA, CA 91125

TO SUPPORT NEW EXPERIMENTS DESIGNED TO UNDERS THE
CAUSAL LINK BETWEEN GENE FUNCTIONS, THE BRAIN,
AND BEHAVIOR. FUNDING WILL BE USED TO DEVELOP
AUTOMATED METHODS FOR MEASURING BEHAVIORS IN
RODENTS AND TO INTEGRATE THESE NEW METHODS WITH
ELECTROPHYSIOLOGICAL RECORDING, FUNCTIONAL
IMAGING, AND GENETICALLY BASED MANIPULATIONS OF
NEURONAL ACTIVITY.

TO SUPPORT NEW EXPERIMENTS DESIGNED TO UNDERS THE
CAUSAL LINK BETWEEN GENE FUNCTIONS, THE BRAIN,
AND BEHAVIOR. FUNDING WILL BE USED TO DEVELOP
AUTOMATED METHODS FOR MEASURING BEHAVIORS IN
RODENTS AND TO INTEGRATE THESE NEW METHODS WITH
ELECTROPHYSIOLOGICAL RECORDING, FUNCTIONAL
IMAGING, AND GENETICALLY BASED MANIPULATIONS OF
NEURONAL ACTIVITY.

TO DEVELOP NEW TECHNIQUES TO CHARACTERIZE
IMAGES TAKEN FROM SPACE TO MONITOR LONG TERM
CHANGES IN THE EARTH'S SURFACE AT FINE SPATIAL
AND TEMPORAL SCALES. FUNDING WILL SUPPORT
A CORE TEAM TO DEVELOP THE TECHNIQUE, ANALYZE
LARGE IMAGE DATASETS ACQUIRED BY A SUITE
OF INSTRUMENTS OVER MULTIPLE DECADES, AND
APPLY THEM TO TWO CASE STUDIES TO DETECT
VERY SMALL CHANGES IN THE EARTH'S SURFACE
DUE TO SEISMIC-VOLCANIC AND LANDSLIDE PROCESSES.

FOR THE DEVELOPMENT OF THE PROGRAMMABLE MOLECULAR
TECHNOLOGY INITIATIVE TO ESTABLISH A CENTER WITH
CAPABILITIES FOR PROGRAMMING MOLECULAR FUNCTION
THE INITIATIVE WILL INITIALLY EXPLORE THESE
CAPABILITIES TO PIONEER HIGH-IMPACT TECHNOLOGIES.

4,500,000.

501 (C) (3) 509 (A) (1)

CALIFORNIA INSTITUTE OF TECHNOLOGY
1200 EAST CALIFORNIA BOULEVARD
PASADENA, CA 91125

ATTACHMENT 22 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501(C) (3) 509 (A) (1)	TO SUPPORT SIX RESEARCH GROUPS WITHIN THE CHEMISTRY OF CELLULAR SIGNALING CENTER TO REVEAL, ON A CHEMICAL SCALE, THE INTERACTIONS THAT CONTROL COMPLEX SIGNALING PATHWAYS IN CELLS. THESE PATHWAYS GOVERN THE STRUCTURE AND FUNCTION OF EVERY LIVING CELL AND ARE AT THE FOREFRONT OF RESEARCH AT THE CHEMISTRY- BIOLOGY-PHYSICS INTERFACE	3,851,922
CALIFORNIA INSTITUTE OF TECHNOLOGY 1200 EAST CALIFORNIA BOULEVARD PASADENA, CA 91125	NONE 501(C) (3) 509 (A) (1)	THE CALIFORNIA INSTITUTE OF TECHNOLOGY, IN COLLABORATION WITH THE UNIVERSITY OF WASHINGTON AND THE UNIVERSITY OF CALIFORNIA AT BERKELEY, WILL ANALYZE THE PAST 80 YEARS OF EARTHQUAKES IN SOUTHERN CALIFORNIA TO IMPROVE RUPTURE FORECASTS, AND DEVELOP BOTH GROUND-LEVEL AND BUILDING-SPECIFIC SHAKING ALGORITHMS TO DETERMINE WHEN AUTOMATIC SHUTDOWN OF INDUSTRIAL PROCESSES COULD MITIGATE SERIOUS DAMAGE OR INJURY. THE KNOWLEDGE GAINED WILL CONTRIBUTE TO THE DEVELOPMENT OF A WEST COAST PROTOTYPE EARTHQUAKE EARLY WARNING SYSTEM CAPABLE OF PROVIDING ROBUST ADVANCE WARNING-RANGING FROM TENS OF SECONDS TO MINUTES-OF THE SIZE, EXTENT AND TIMING OF IMMINENT EARTHQUAKES.	1,000,000
CANADIAN PARKS AND WILDERNESS SOCIETY 410 - 698 SEYMOUR ST V6B 3K6	NONE 501(C) (3) 509 (A) (1)	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH LED BY ELLIOT MEYEROWITZ	1,333,332

TECHNICAL SUPPORT FOR MARINE SPATIAL PLANNING AND
IMPLEMENTATION
355,263

RECIPIENT NAME AND ADDRESS		FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
VANCOUVER BC CANADA	CAPE COD COMMERCIAL HOOK FISHERMENS ASSOC 1566 MAIN ST CHATHAM, MA 02633	NONE 501 (C) (3) 509 (A) (2)	TO SUPPORT IMPLEMENTATION OF SECTORS FOR GROUNDFISH, INCLUDING MONITORING, IMPROVED USE OF SCIENCE IN MANAGEMENT, AND REGULATIONS AND DESIGN ELEMENTS THAT ADDRESS SUSTAINABLE FISHING COMMUNITIES; TO PROTECT CRITICAL FEDERAL CONSERVATION STANDARDS; AND TO SUPPORT INDUSTRY ENGAGEMENT IN MARINE SPATIAL PLANNING.	310,652
EQUIV US PC	CARNEGIE INSTITUTION OF WASHINGTON 1530 P STREET, NW WASHINGTON, DC 20005-1910	NONE 501 (C) (3) 509 (A) (1)	TO ENSURE INTENSIVE SCIENTIFIC SUPPORT TO ADVANCE THE PERUVIAN AND COLOMBIAN GOVERNMENT'S NATIONAL FOREST MONITORING SYSTEMS, AND TO EXPAND CLASLITE (CARNEGIE LANDSAT ANALYSIS SYSTEM) TRAINING AND DISSEMINATION FOR CONSERVATION PLANNING IN THE ANDES-AMAZON REGION.	373,914.
	CENTER FOR AMERICAN PROGRESS 1333 H STREET NW, 10TH FLOOR WASHINGTON, DC 20005	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE OCEAN POLICY PROJECT, WHICH ADVANCES MODERN, SCIENCE-BASED OCEAN POLICIES	220,100.
	CENTER FOR INTERNATIONAL ENVIRONMENTAL LAW	NONE	TO SUPPORT A NEW FORUM FOR SUSTAINABLE DEVELOPMENT FOR THE DEPARTMENT OF LORETO, PERU, A PARTICIPATORY CLEARINGHOUSE FOR BASELINE DATA ON SOCIAL AND ENVIRONMENTAL IMPACTS OF ECONOMIC DEVELOPMENT PROJECTS, AND A VENUE FOR INCREASING CAPACITY OF REGIONAL GOVERNMENT AGENCIES, CIVIL SOCIETY ORGANIZATIONS, AND LOCAL COMMUNITIES AS PRIOR AND NECESSARY INPUTS FOR THE ADOPTION AND IMPLEMENTATION OF A POLICY FRAMEWORK FOR STRATEGIC SOCIAL AND ENVIRONMENTAL IMPACT	400,000.

ATTACHMENT 22 (CONT'D.)

ATTACHMENT 22 (CONT'D)

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
1350 CONNECTICUT AVENUE, NW SUITE #1100 WASHINGTON, DC 20036	501(C) (3) 509 (A) (1)	ASSESSMENTS FOR LORETO	
CENTER FOR QUALITY SYSTEMS IMPROVEMENT 1688 ORVIETO DRIVE ROSEVILLE, CA 95661-3981	NONE 501(C) (3) 509 (A) (1)	IN SUPPORT OF THE DEVELOPMENT OF A COST-EFFECTIVE, REPPLICABLE MODEL FOR SCALING UP THE TECHBRIDGE PROGRAM, WHICH PROVIDES HANDS-ON ACTIVITIES, ROLE MODELS AND WORKSITE VISITS, FAMILY OUTREACH, AND TEACHER TRAINING TO SERVE GIRLS ACROSS THE SAN FRANCISCO BAY AREA	396,720.
CENTRO DE CONSERVACION, INVESTIGACION CALLE JOSE GABRIEL CHARIARSE 420 - LIMA PERU	NONE EQUIV US PC	TO HELP IMPLEMENT CRITICAL MANAGEMENT ACTIONS TO MAINTAIN ZERO DEFORESTATION INSIDE CORDILLERA AZUL NATIONAL PARK AND STABILIZE LAND USE IN THE PARK'S BUFFER ZONE, WHILE COMPLETING ITS STRATEGY AND IMPLEMENTING AN INNOVATIVE REDUCED EMISSION FROM DEFORESTATION AND FOREST DEGRADATION PILOT PROJECT TO SECURE FINANCIAL SUSTAINABILITY	143,000
CLIMATE ADVISERS 1320 19TH STREET, NW WASHINGTON, DC 20036	NONE EXPEND RESPONSIBILITY	TO SUPPORT STAKEHOLDERS TO ENGAGE WITH THE US GOVERNMENT AND CONSUMER GOODS FORUM	18,050.
CLIMATE FOCUS NORTH AMERICA, INC 1025 CONNECTICUT AVE, NW SUITE 1102 WASHINGTON, DC 20036	NONE EXPEND RESPONSIBILITY	TO SUPPORT EMISSIONS REDUCTIONS AND STRENGTHEN THE GOVERNORS' CLIMATE & FORESTS TASK FORCE	64,000.
COLD SPRING HARBOR LABORATORY 1 BUNGTON ROAD COLD SPRING HARBOR, NY 11724	NONE 501(C) (3) 509 (A) (1)	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF ROBERT MARTIENSSEN.	999,999.

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DR #500 ARLINGTON, VA 22202	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF MATCHING FUNDS FOR APPROVED TRANSACTIONS UNDER THE GCF THIS IS FOR THE MATCHING FUNDS PORTION OF THE \$100 MILLION	13,381,350.
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DR #500 ARLINGTON, VA 22202	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE TROPICAL ECOLOGY, ASSESSMENT AND MONITORING NETWORK (TEAM)'S CORE AND PARTNER INSTITUTIONS TO COLLECT AND INCORPORATE DATA INTO MODELING EFFORTS AND TRANSLATE THEM INTO POLICY AND CONSERVATION INTERVENTIONS	1,000,000
CONSERVATION INTERNATIONAL FOUNDATION 2011 CRYSTAL DR #500 ARLINGTON, VA 22202	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE IMPLEMENTATION OF APPROACHES THAT INCORPORATE NATURAL CAPITAL INTO POLICY AND DECISION MAKING AT VARIOUS SCALES AND ADDRESS LINKAGES BETWEEN ECOSYSTEMS AND THE ECONOMY	500,000
CONSERVATION LAW FOUNDATION, INC. 62 SUMMER STREET BOSTON, MA 02110	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT STAKEHOLDER ENGAGEMENT IN REGIONAL MARINE SPATIAL PLANNING (MSP) IN NEW ENGLAND AND THE DEVELOPMENT OF A COMPREHENSIVE, ECOSYSTEM- BASED REGIONAL PLAN, WHILE ALSO ENSURING EFFECTIVE IMPLEMENTATION, STRENGTHENING, AND INTEGRATION OF STATE PLANS	290,039
CONSERVATION STRATEGY FUND 1160 G STREET ARCATA, CA 95521	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE REFINEMENT OF CONSERVATION ECONOMICS TOOLS, THE TRAINING OF POLICY- FORMULATORS REGARDING THEIR USE, AND THEIR SUBSEQUENT DEPLOYMENT IN THE ANALYSIS OF MAJOR INFRASTRUCTURE PROJECTS IN THE AMAZON HEADWATERS REGION IN AN EFFORT TO PROMOTE AN EFFECTIVE CONSERVATION AGENDA FOR THE REGION	268,849

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
DALLAS COUNTY HOSPITAL DISTRICT 5201 HARRY HINES BLVD DALLAS, TX 75235	NONE GOVERNMENTAL UNIT	TO SUPPORT A COVENEING OF NATIONAL EXPERTS IN FIELD OF PREDICTIVE ANALYTICS TO BE HELD IN EARLY 2013	20,000
DAVID SUZUKI FOUNDATION 2211 WEST 4TH AVENUE STE 219 V6K 4S2 VANCOUVER BC CANADA	NONE EQUITV US PC	TO INCREASE THE REGIONAL MARKET INCENTIVES FOR INDUSTRY LEADERS AND GOVERNMENTS TO IMPROVE FISHERIES MANAGEMENT PRACTICES IN BRITISH COLUMBIA.	298,110
DIGNITY HEALTH 185 BERRY STREET SAN FRANCISCO, CA 94107	NONE 501(C) (3) 509 (A) (1)	TO SUPPORT IMPROVED NURSING-RELATED PATIENT OUTCOMES ACROSS NINE HOSPITALS IN THE SAN FRANCISCO BAY AREA AND GREATER SACRAMENTO REGIONS, LEADING TO IMPROVED GLYCEMIC CONTROL AND SAFETY, A REDUCTION IN THE INCIDENCE OF PREVENTABLE HOSPITAL-ACQUIRED VENOUS THROMBOEMBOLISM, AND A REDUCTION IN MORTALITY AMONG SURGICAL INPATIENTS WITH SERIOUS TREATABLE COMPLICATIONS THROUGH THE IMPLEMENTATION OF EVIDENCE-BASED PRACTICES. ALL OUTCOMES WILL BE ACHIEVED BY THE END OF 2013 AND ARE TO BE SUSTAINED THROUGH 2017.	1,100,000
DUKE UNIVERSITY 125 SCIENCE DRIVE DURHAM, NC 27708	NONE 501(C) (3) 509 (A) (1)	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF XINNIAN DONG	999,999.
DUKE UNIVERSITY 125 SCIENCE DRIVE DURHAM, NC 27708	NONE 501(C) (3) 509 (A) (1)	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH LED BY PHILIP BENFET	1,333,332

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
EARTH ECONOMICS 1121 TACOMA AVE. SOUTH TACOMA, WA 98402	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF AN ECONOMIC ANALYSIS OF GREEN INFRASTRUCTURE AND ECOSYSTEM SERVICES PROVIDED WITHIN THE MATANUSKA-SUSITNA BASIN.	155,556
EL CAMINO HOSPITAL FOUNDATION 2500 GRANT ROAD MOUNTAIN VIEW, CA 94040	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF THE IMPLEMENTATION OF A TRANSITIONAL CARE PROGRAM FOR PATIENTS AT HIGH RISK OF HOSPITAL READMISSION. THE GOAL OF THE PROGRAM IS TO ACHIEVE AND SUSTAIN A 30% REDUCTION IN THE 30-DAY AND A 15% REDUCTION IN THE 90-DAY ALL-CAUSE READMISSION RATES FOR THESE HIGH RISK PATIENTS.	215,984
ENVIRONMENTAL DEFENSE FUND, INC 257 PARK AVENUE SOUTH NEW YORK, NY 10010	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF REDUCED DEFORESTATION AND FOREST DEGRADATION THROUGH PROTECTED AREA AND WATERSHED MANAGEMENT IN THE HIGHLY THREATENED XINGU RIVER BASIN, BRAZIL.	619,735.
ENVIRONMENTAL DEFENSE FUND, INC 257 PARK AVENUE SOUTH NEW YORK, NY 10010	NONE 501(C) (3) 509(A) (1)	TO SUPPORT THE DISSEMINATION AND ADOPTION OF WELL-DESIGNED CATCH SHARE POLICIES AND PROGRAMS IN THE UNITED STATES TO RESTORE FISHERIES AND MARINE ECOSYSTEMS AND CREATE A SUSTAINABLE FISHING INDUSTRY, INCLUDING THE INSTITUTIONALIZATION OF TOOLS SUCH AS A CATCH SHARES DESIGN DATABASE	1,699,705
ENVIRONMENTAL DEFENSE FUND, INC 257 PARK AVENUE SOUTH NEW YORK, NY 10010	NONE 501(C) (3) 509(A) (1)	TO SUPPORT THE FISHERIES LEADERSHIP AND SUSTAINABILITY FORUM AND THEIR ONGOING EDUCATIONAL PROGRAMS AND PROFESSIONAL TRAINING FOR FISHERIES MANAGERS	33,750.

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
EQUIPE DE CONSERVACAO DA AMAZONIA SAS QUADRA 03 BLOCO C 70070-934 BRASILIA DF BRAZIL	NONE EQUIV US PC	IN PARTNERSHIP WITH STATE AND FEDERAL GOVERNMENT, TO DEVELOP PARTICIPATORY, SCIENCE-BASED BIODIVERSITY MANAGEMENT AND MONITORING PLANS FOR 4 4 MILLION HECTARES OF INDIGENOUS LANDS IN THE CALHA NORTE CONSERVATION CORRIDOR	866,755
FEDORA COMMONS 165 WASHINGTON ST. SUITE #201 WINCHESTER, MA 01890	501(C) (3) 509 (A) (1)	IN SUPPORT OF A NEW DURASPACE SERVICE OFFERING CALLED 'DURACLOUD,' A SUITE OF ON-LINE TOOLS AND SERVICES FOR THE LONG-TERM PRESERVATION AND ANALYSIS OF RESEARCH AND OTHER SCHOLARLY CONTENT	414,000.
FIELD MUSEUM OF NATURAL HISTORY 1400 S LAKE SHORE DR CHICAGO, IL 60605-2496	501(C) (3) 509 (A) (2)	TO IMPLEMENT A RAPID INVENTORY IN THE CORDILLERA ESCALERA MANSERICHE REGION OF LORETO, PERU, AND TRAIN AMAZONIAN SCIENTISTS IN THE USE OF RAPID INVENTORIES FOR CONSERVATION PLANNING AND ZONING	1,036,588
FONDO MEXICANO PARA LA CONSERVACION CALLE DAMAS NO. 49 COL 3900 MEXICO CITY MEXICO	NONE 501(C) (3) 509 (A) (1)	TO IDENTIFY AND TEST THE APPROPRIATE METHODOLOGIES AND TECHNOLOGIES TO BE ADOPTED OFFICIALLY FOR MONITORING DEFORESTATION AND FOREST DEGRADATION AT THE NATIONAL, SUBNATIONAL, AND LOCAL LEVELS IN MEXICO.	118,315.
FOREST ETHICS 410 - 698 SEYMOUR ST V6B 3K6 VANCOUVER BC CANADA	NONE 501(C) (3) 509 (A) (2)	TO SUPPORT SKEENA COMMUNITIES IN PROMOTING A PRECAUTIONARY APPROACH TO COAL BED METHANE DEVELOPMENT, INCLUDING THE ESTABLISHMENT OF NO-GO AREAS IN THE HIGHLY SENSITIVE HEADWATERS HABITAT	100,198
FOREVER COSTA RICA ASSOCIATION	NONE	TO SUPPORT IMPLEMENTATION OF COSTA RICAN MARINE PROTECTED AREA PLANS. AMAZONAS, BRAZIL, AND THE INDEPENDENT EVALUATION AND VALIDATION OF THE PROBUC COMMUNITY BASED	50,000

ATTACHMENT 22 (CONT'D)

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
FORUM I, EDIFICIO G, PISO 7 SAN JOSE COLOMBIA	EXPEND RESPONSIBILITY	PROTECTED AREA AND BIODIVERSITY MONITORING SYSTEM	
FUNDACAO VITORIA AMAZONICA RUA ESTRELA DALVA, 146 69083-093 MANAUS AM BRAZIL	NONE EXPEND RESPONSIBILITY	TO CONSOLIDATE THE BASIC EFFECTIVE MANAGEMENT OF 4 PROTECTED AREAS IN THE LOWER RIO NEGRO BASIN AND PILOTS MECHANISMS FOR ADAPTIVE MANAGEMENT OF BOTH STATE AND FEDERAL PROTECTED AREAS IN A PROTECTED AREAS MOSAIC IT REFREAMES MANAGEMENT PLANS AS EFFECTIVE GOVERNANCE INSTRUMENTS THAT LINK COMMUNITIES TO PROTECTED AREA AGENCIES THROUGH EMPOWERED PROTECTED AREA COUNCILS AND MANAGERS	213,829
FUNDACION LATINO AMERICANA PARA EL TROPICO MALECON TARAPACA N 332 ALTOS RUC 20493440749 IQUITOS LORETO PERU	NONE EXPEND RESPONSIBILITY	TO SUPPORT THE IMPLEMENTATION OF THE WILDLIFE MANAGEMENT IN LATIN AMERICA AND THE AMAZON CONFERENCE SERIES, AND THE DEVELOPMENT OF A LATIN AMERICAN WILDLIFE SOCIETY.	152,750
FUNDO BRASILEIRO PARA A BIODIVERSIDADE LARGO DO IBAM, 01/ 6 ANDARHUMAITA CEP 22271 070 RIO DE JANEIRO RJ BRAZIL	NONE EQUIV US PC	TO DESIGN THE GOVERNANCE STRUCTURE OF PROPOSED PROTECTED AREA COMPENSATION FUNDS FOR THE STATES OF AMAZONAS AND RONDONIA, BRAZIL, AND TO ESTIMATE THE POTENTIAL CONTRIBUTION OF FEDERAL AND STATE ENVIRONMENTAL COMPENSATION MONIES TO THE COST OF IMPLEMENTING AND MANAGING IN PERPETUITY ALL PROTECTED AREAS IN THE AMAZON REGION PROTECTED AREAS PROGRAM.	30,640
GREAT BEAR INITIATIVE SOCIETY 409 GRANVILLE STREET, STE 1660 V6C 1T2	NONE	TO SUPPORT IMPLEMENTING LAND AND MARINE USE PLANS AND AGREEMENTS.	157,236.

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
VANCOUVER BC CANADA	EXPEND RESPONSIBILITY	TO ENHANCE SUPPORT FOR INTERNATIONAL FOREST CONSERVATION AS A MEANS TO REDUCE GREENHOUSE GAS EMISSIONS AMONG KEY STAKEHOLDERS IN CALIFORNIA, CHIAPAS AND ACRE BY INTEGRATING INTERNATIONAL FOREST CARBON OFFSETS INTO CALIFORNIA'S CAP AND TRADE PROGRAM	275,000
GREEN TECHNOLOGY LEADERSHIP GROUP 980 NINTH STREET, SUITE 2000 SACRAMENTO, CA 95814-2739	NONE EXPEND RESPONSIBILITY	IN SUPPORT OF THE DEVELOPMENT OF MODELS OF PRODUCTIVE PUBLIC ENGAGEMENT IN SCIENCE, SUSTAINABILITY AND DECISION MAKING THAT WILL BE ACCOMPLISHED THROUGH DESIGN, IMPLEMENTATION, AND EVALUATION OF EDUCATIONAL MATERIAL AND PILOTS THAT ENGAGE COMMUNITIES AROUND LOCAL MARINE ENVIRONMENTAL ISSUES WITH THE GOAL OF BETTER UNDERSTANDING THE UNDERLYING SCIENCE AND CONSEQUENCES OF DECISION-MAKING ON MARINE RESOURCES AND ECOSYSTEMS.	100,000.
GULF OF MAINE RESEARCH INSTITUTE 350 COMMERCIAL STREET PORTLAND, ME 04101	501(C) (3) 509 (A) (1)		
HARTLEY BAY VILLAGE COUNCIL 445 HAYIMISA XAA WAY YOV 1AO HARTLEY BAY BC CANADA	NONE FOREIGN GOVERNMENT	IN SUPPORT OF SCIENTIFIC AND TECHNICAL ANALYSIS TO TEST IMPLEMENTATION OF THE GITGA'AT FIRST NATION MARINE SPATIAL PLAN.	151,661.
IEPE - INSTITUTO DE PESQUISA E FORMACAO INDIGENA	NONE	FOR THE IMPLEMENTATION OF BIODIVERSITY CONSERVATION AND SUSTAINABLE RESOURCE USE ON TWO INDIGENOUS LANDS IN NORTHERN PARA, BRAZIL, IN ACCORDANCE WITH INTEGRATED, SCIENCE-BASED, ADAPTIVE TERRITORIAL MANAGEMENT PLANS, AND THE	900,000.

FORM 990F, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENT

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
RUA PROFESSOR MONJARDINO SAO PAULO/SP - CEP 05625-160 BC BRAZIL	EQUIV US PC GOVERNMENTAL UNIT	IMPLEMENTATION OF BRAZIL'S NATIONAL POLICY FOR TERRITORIAL ENVIRONMENTAL MANAGEMENT ON INDIGENOUS LANDS	
INDIANA UNIVERSITY 1001 EAST THIRD STREET BLOOMINGTON, IN 47405-3700	NONE GOVERNMENTAL UNIT	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF CRAIG PITTAARD.	999,999.
INSTITUTO CENTRO DE VIDA RUA AMERICO SALGADO, 1890 78045-055 CUIABA BRAZIL	NONE EQUIV US PC	IN SUPPORT OF AN INTEGRATED APPROACH TO PROMOTE DEFORESTATION-FREE BEEF AND SOY VALUE CHAINS IN MATO GROSSO STATE	883,044
INSTITUTO DE HIDROLOGIA, METEOROLOGIA ESTUDIOS CARRERA 10 NO. 20-30 BOGOTA COLOMBIA	NONE GOVERNMENTAL UNIT	TO SUPPORT CONSOLIDATION OF THE NATIONAL FOREST AND CARBON MONITORING SYSTEM TO GENERATE TIMELY AND RELIABLE INFORMATION FOR POLICY DECISIONS AT THE NATIONAL AND SUB-NATIONAL LEVEL	1,190,650
INSTITUTO DE PESQUISA AMBIENTAL DA AMAZONIA AVENIDA NAZARE 669 66035-170 BELEM BRAZIL	NONE EQUIV US PC	TO SUPPORT ANALYSES OF THE IMPACT OF STATE POLICIES TO REDUCE DEFORESTATION IN THE BRAZILIAN AMAZON, THE ESTABLISHMENT OF A STAKEHOLDER SUPPORTED PLATFORM FOR CONTINUOUS MONITORING OF VALIDATED, GROUND-TRUTHED INDICATORS OF POLICY IMPACT, AND THE OPERATIONALIZATION OF STRATEGIES TO REDUCE DEFORESTATION IN LAND REFORM SETTLEMENTS	1,414,034.
INSTITUTO DEL BIEN COMUN	NONE	TO CONSOLIDATE THE PROTECTED AREAS AND INDIGENOUS LANDS WITHIN THE 3 28 MILLION HECTARE EUTUNAYO- AMAZONAS INDIGENOUS LANDSCAPE BY WORKING WITH LOCAL COMMUNITIES AND GOVERNMENT AUTHORITIES ON	1,436,000

ATTACHMENT 22 (CONT'D)

RECIPIENT NAME AND ADDRESS
AV PETIT THOUARS 4381 MIRAFLORES 18
LIMA
PERU

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR
AND
FOUNDATION STATUS OF RECIPIENT
NONE
EQUIV US PC

INSTITUTO DO HOMEM E MEIO AMBIENTE DA AM
RUA DOMINGOS MARREIROS, 2020 66060-160
BELEM
PAR
BRAZIL

BRAZIL

INSTITUTO DO HOMEM E MEIO AMBIENTE DA AM
RUA DOMINGOS MARREIROS, 2020 66060-160
BELEM
PAR
BRAZIL

BRAZIL

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
AV PETIT THOUARS 4381 MIRAFLORES 18 LIMA PERU	NONE EQUIV US PC	THROUGH THIS GRANT AMAZON WILL MONITOR, ANALYZE, AND DISSEMINATE INFORMATION REGARDING DEFORESTATION AND FOREST DEGRADATION IN PROTECTED AREAS OF THE BRAZILIAN AMAZON, IMPROVE PROTECTED AREA MANAGEMENT IN THE CALHA NORTE CONSERVATION CORRIDOR, AND SUPPORT THE DEVELOPMENT OF SUSTAINABLE FINANCE AND MONITORING MECHANISMS FOR PARA STATE PROTECTED AREAS.	459,305
INSTITUTO DO HOMEM E MEIO AMBIENTE DA AM RUA DOMINGOS MARREIROS, 2020 66060-160 BELEM PAR BRAZIL	NONE EQUIV US PC	TO ASSESS, MONITOR AND ENHANCE THE EFFECTIVENESS, IMPACT AND DURABILITY OF CURRENT POLICY INSTRUMENTS (TERMOS DE AJUSTAMENTO DE CONDUTA - TAC'S) RELATED TO SUSTAINABLE SOURCING OF BEEF, AND TO DESIGN AND PROMOTE WAYS OF STREAMLINING	224,511
INSTITUTO INTERNACIONAL DE EDUCACAO DO BRASIL SHIS QI 05, BLOCO F 71606-900 BRASILIA PAR BRAZIL	NONE EQUIV US PC	TO ENABLE EFFECTIVE CO-MANAGEMENT OF PROTECTED AREAS IN THE BR-319 FRONTIER ZONE BY CREATING LOCAL ASSOCIATIONS AND MANAGEMENT COUNCILS AND TRAINING THEIR MEMBERS, AND BY RESTRUCTURING TWO LOCAL ENVIRONMENTAL NON-GOVERNMENTAL ORGANIZATIONS. INSTITUTO INTERNACIONAL DE	43,944.

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
INSTITUTO INTERNACIONAL DE EDUCACAO DO BRASIL SHS QI 05, BLOCO F 71606-900 BRASILIA BRAZIL	NONE EQUIV US PC	IN SUPPORT OF THE DESIGN, DEVELOPMENT AND IMPLEMENTATION OF A PERMANENT TRAINING PROGRAM FOR GOVERNMENT AGENCY STAFF AND INDIGENOUS LEADERS IN THE SKILLS AND APPROACHES NECESSARY TO IMPLEMENT BRAZIL'S POLICY ON ENVIRONMENTAL AND TERRITORIAL MANAGEMENT ON INDIGENOUS LANDS	907,199.
INSTITUTO SOCIOAMBIENTAL AV. HIGIENOPOLIS, 901 01238-001 SAO PAULO BRAZIL	NONE EQUIV US PC	IN SUPPORT OF THE IMPROVEMENT AND CONTINUED MAINTENANCE OF A PROTECTED AREA AND INDIGENOUS LAND MONITORING SYSTEM, THE REFINEMENT OF A PROTECTED AREA EFFECTIVENESS ASSESSMENT SYSTEM, AND CONSOLIDATION OF RESOURCE MANAGEMENT PLANS ON UPPER AND MIDDLE RIO NEGRO INDIGENOUS LANDS.	1,010,122
INTEGRATED CARE LEADERSHIP NETWORK 13100 SKYLINE BOULEVARD OAKLAND, CA 94619	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE DEVELOPMENT AND IMPLEMENTATION OF 10 WORKSHOPS AIMED AT DEVELOPING THE QUALITY IMPROVEMENT AND LEADERSHIP SKILLS OF FRONTLINE HEALTH CARE PROVIDERS	225,100.
INTERNATIONAL CONSERVATION CAUCUS ENDN 25786 GEORGETOWN STATION WASHINGTON, DC 20027-8786	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE OCEANS CAUCUS FOUNDATION TO HELP CREATE A BI-PARTISAN OCEANS CAUCUSES AND ASSOCIATED EDUCATIONAL ACTIVITIES.	125,000
INTERNATIONAL UNION FOR CONSERVATION OF NATURE 28 RUE MAUVERNEY 1196 GLAND GEORGETOWN SWEDEN	NONE EXECUTIVE ORDER	IN SUPPORT OF THE STRESS, SUSTAINABILITY, AND DEVELOPMENT OF LARGE MARINE ECOSYSTEMS DURING CLIMATE CHANGE CONFERENCE.	20,000

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
ISLAND INSTITUTE PO BOX 648 ROCKLAND, ME 04841	NONE 501 (C) (3) 509 (A) (1)	TO ADVANCE NEW ENGLAND FISHERIES MANAGEMENT AND REGIONAL OCEAN PLANNING THROUGH SUPPORTING ENGAGEMENT BOTH WITHIN LOCAL FISHING COMMUNITIES AND BETWEEN FISHERMEN AND OCEAN PLANNING STAKEHOLDERS	323,713.
IWORAMA INT'L CNT FOR RAIN FOREST CONSERV AND DVLM 77 HIGH STREET KINGSTON BRAZIL	NONE FOREIGN GOVERNMENT	IN SUPPORT OF THE PARTICIPATION OF AMERINDIAN, GOVERNMENT AND PRIVATE SECTOR STAKEHOLDERS IN SUSTAINABLE FOREST MANAGEMENT, EFFECTIVE LANDSCAPE-SCALE MONITORING AND MODELING OF FOREST COVER, BIODIVERSITY AND ECOSYSTEM FUNCTION, AND BEST PRACTICES IN THE PUBLIC AND PRIVATE FORESTRY SECTOR, THUS ENHANCING NATIONAL EFFORTS TO REDUCE DEFORESTATION AND FOREST DEGRADATION IN GUYANA.	284,643
J. CRAIG VENTER INSTITUTE INC 5 RESEARCH PLACE ROCKVILLE, MD 20850	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF COMPLETING THE INTEGRATION OF A NEW TOOL (PHYLOMETAREP) INTO THE COMMUNITY CYBERINFRASTRUCTURE FOR ADVANCED MICOBIAL ECOLOGY RESEARCH AND ANALYSIS (CAMERA) TO ALLOW THE MARINE MICROBIAL ECOLOGY RESEARCH COMMUNITY TO QUANTIFY AND COMPARE THE GENE EXPRESSION PATTERNS OF MARINE MICROEUKARYOTES	187,000
J. DAVID GLADSTONE INSTITUTES 1650 OWENS STREET SAN FRANCISCO, CA 94158-2261	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE DEVELOPMENT OF PREDICTIVE MODELS OF THE GLOBAL DISTRIBUTIONS OF MARINE MICROBES BASED ON FUNCTIONAL POTENTIAL AND PROTEIN EXPRESSION PATTERNS IN ADDITION TO THEIR TAXONOMY - AN ENVIRONMENTAL NICHE ATLAS - TO DETERMINE THE BIOGEOGRAPHY OF MARINE MICROBES AND THEIR ROLES IN THE WORLD'S OCEANS	756,676

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

RECIPIENT NAME AND ADDRESS

JOHNS HOPKINS UNIVERSITY
 ACCM, 600 N WOLFE STREET BLALOCK 1501
 BALTIMORE, MD 21287

KAIser FOUNDATION HOSPITALS
 1800 HARRISON ST , 17TH FLOOR
 PARA

KITASOO-XAIKAIS BAND COUNCIL
 1800 HARRISON ST , 17TH FLOOR
 OAKLAND, CA 94612

LDOS MEDIA LAB INC
 1105 N GARFIELD AVE.
 PASADENA, CA 91104

FOUNDATION STATUS OF RECIPIENT

NONE

501 (C) (3) 509 (A) (1)

PURPOSE OF GRANT OR CONTRIBUTION

5,330,828

 GRANTING SOURCES THE FELLOWSHIPS WILL LAST THREE
 YEARS.

IN SUPPORT OF TESTING A PREDICTIVE MODEL

FOR EARLY DETERIORATION OF IMPENDING PHYSIOLOGIC

DETERIORATION (EDIP) OF HOSPITALIZED PATIENTS

AND DEVELOPING AN ELECTRONIC EARLY WARNING

SYSTEM FOR IMPLEMENTING THE EDIP MODEL THE

PREDICTIVE MODEL AND EARLY WARNING SYSTEM

WILL BE PILOTED AT KAISER FOUNDATION HOSPITALS,
 WITH THE GOAL OF REDUCING UNPLANNED TRANSFERS

TO THE ICU AND ICU MORTALITY

TO SUPPORT THE DEVELOPMENT OF A PREDICTIVE MODEL

FOR HOSPITAL READMISSIONS

197,024.

197,024.

IN SUPPORT OF TECHNICAL ANALYSIS AND YOUTH

ENGAGEMENT TO IMPLEMENT THE KITASOO/XAI FIRST

NATION MARINE SPATIAL PLAN

104,790

104,790

IN SUPPORT OF A COORDINATED PROGRAM TO INCREASE

PUBLIC KNOWLEDGE AND AWARENESS OF EXCITING

SCIENTIFIC RESEARCH AND DISCOVERIES, THE LOH-DOWN
 ON SCIENCE MEDIA LAB WILL ANNUALLY PRODUCE 250
 NEW 90-SECOND DAILY RADIO SCIENCE SEGMENTS AND
 DISTRIBUTE THEM AT NO COST TO ALL REQUESTING
 NATIONAL PUBLIC RADIO STATIONS IN THE UNITED
 STATES AND THE VOICE OF AMERICA STATIONS ABROAD.

300,000.

300,000.

ATTACHMENT 22

1164JL 2789

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

RECIPIENT NAME AND ADDRESS	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
LIFE SCIENCES RESEARCH FOUNDATION 3520 SAN MARTIN DRIVE BALTIMORE, MD 21218	IN SUPPORT OF A RENEWAL GRANT TO SUPPORT PRESTIGIOUS POST-DOCTORAL FELLOWSHIPS FOR FIVE TOP RESEARCHERS IN BIOLOGICAL SCIENCE DISCIPLINES TYPICALLY UNDERFUNDED BY OTHER GRANTING SOURCES. THE FELLOWSHIPS WILL LAST THREE YEARS	285,000
LIVING OCEANS SOCIETY 207 W. HASTINGS ST., SUITE 1405 V6B 1H7 VANCOUVER	TO PROVIDE TECHNICAL SUPPORT FOR MARINE SPATIAL PLANNING (MSP) AND IMPLEMENTATION	416,169.
BC		
CANADA		
MANTA CONSULTING, INC 316 MID VALLEY CTR, #190 CARMEL, CA 93923	TO SUPPORT EMERGING ENTREPRENEURS IN THE SUSTAINABLE SEAFOOD SECTOR THROUGH A COMPETITION CALLED FISH 2 0. THE COMPETITION WILL ALSO ALLOW ALL PARTICIPANTS (INCLUDING SPONSORS) TO GAIN AN UNDERSTANDING OF THE PIPELINE OF INNOVATIONS RELATED TO SUSTAINABLE SEAFOOD	11,000.
MAINE BIOLOGICAL LABORATORY 7 MBL STREET WOODS HOLE, MA 02543	IN SUPPORT OF INVESTIGATING THE MICROBIAL ECOSYSTEMS THAT THRIVE AT A DEEP-SEA VOLCANO TO MODEL THE RATES OF THEIR ACTIVITIES, THEIR INFLUENCE ON CARBON FLOW BENEATH THE SEAFLOOR, AND HOW THAT INFLUENCE IS ALTERED BY VIRAL INFECTION.	1,436,704.
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	TO SUPPORT FURTHER DEVELOPMENT AND ENHANCEMENT OF A NOVEL CONDENSED MATTER PHYSICS MEASUREMENT TECHNIQUE, KNOWN AS 'TIME DOMAIN CAPACITANCE SPECTROSCOPY,' TO PROVIDE UNPRECEDENTED HIGH-RESOLUTION MEASUREMENTS OF LOW DIMENSIONAL ELECTRON SYSTEMS. THE INCREASED SENSITIVITY IN INSTRUMENT CAPABILITIES, COMBINED WITH AN	600,000.

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

RECIPIENT NAME AND ADDRESS

FOUNDATION STATUS OF RECIPIENT

77 MASSACHUSETTS AVENUE
CAMBRIDGE, MA 02139
501 (C) (3) 509 (A) (1)

MASSACHUSETTS AVENUE
CAMBRIDGE, MA 02139
501 (C) (3) 509 (A) (1)

ATTRACTIVE POSTDOCTORAL FELLOWSHIP PROGRAM, WILL ALLOW SCIENTISTS TO, FOR THE FIRST TIME, ACHIEVE TEMPERATURE LIMITED ENERGY RESOLUTION IN THE MILLIKELVIN REGIME, EXPAND THE USE OF THE METHOD TO OTHER MATERIALS BEYOND GALLIUM ARSENIDE, AND CHARACTERIZE INDIVIDUAL ELECTRONS

MAX PLANCK SOCIETY FOR THE ADV OF SCIENCE
HANS-KOPFERMANN-STR 1 D-85748
GARCHING
GERMANY
501 (C) (3) 509 (A) (1)

IN SUPPORT OF A COORDINATED PROGRAM AMONG

STANFORD UNIVERSITY, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, AND THE MAX PLANCK INSTITUTE OF QUANTUM OPTICS TO DEMONSTRATE INTERACTION-FREE MEASUREMENTS WITH ELECTRONS, WHICH IF SUCCESSFUL, WILL FORM THE BASIC PRINCIPLES FOR FUTURE DEVELOPMENT OF AN ELECTRON MICROSCOPE BASED ON QUANTUM PHYSICS

MERIDIAN INSTITUTE
PO BOX 1829, 105 VILLAGE PLACE
DILLON, CO 80435
501 (C) (3) 509 (A) (1)

IN SUPPORT OF A COORDINATED PROGRAM AMONG

STANFORD UNIVERSITY, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, AND THE MAX PLANCK INSTITUTE OF QUANTUM OPTICS TO DEMONSTRATE INTERACTION-FREE MEASUREMENTS WITH ELECTRONS, WHICH IF SUCCESSFUL, WILL FORM THE BASIC PRINCIPLES FOR FUTURE DEVELOPMENT OF AN ELECTRON MICROSCOPE BASED ON QUANTUM PHYSICS

TO SUPPORT THE MERIDIAN INSTITUTE'S WORK IN
FURTHERANCE OF THE GOALS OF THE JULY 2010 U.S.
FRAMEWORK FOR COASTAL AND MARINE SPATIAL
PLANNING.

1,000,000

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
BOARD OF TRUSTEES OF MICHIGAN STATE UNIV PLANT BIOLOGY BUILDING EAST LANSING, MI 48824-1312	NONE GOVERNMENTAL UNIT	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF SHENG-YANG HE	999,999
MILLS-PENINSULA HOSPITAL FOUNDATION 1501 TROUSDALE DRIVE BURLINGAME, CA 94010	NONE 501 (C) (3) 509 (A) (3) : TY	TO IMPLEMENT AND EVALUATE A TRANSITIONAL CARE PROGRAM, IN PARTNERSHIP WITH PALO ALTO MEDICAL FOUNDATION AND PENINSULA FAMILY SERVICES, AIMED AT REDUCING HOSPITAL READMISSIONS FOR PATIENTS AGE 65 AND OLDER. THE OUTCOME OF THIS GRANT IS TO ACHIEVE A SUSTAINED REDUCTION IN BOTH 30- AND 90-DAY READMISSION RATES FOR PATIENTS AGE 65 AND OLDER BY AT LEAST 30% AS COMPARED TO A 2011 BASELINE	250,000.
MINISTERIO DEL AMBIENTE, REPUBLICA DEL PERU AV JAVIER PRADO OESTE 1440, SAN IS LIMA PARA PERU	NONE FOREIGN GOVERNMENT	IN SUPPORT OF THE DEVELOPMENT OF THE INSTITUTIONAL, LEGAL, AND TECHNICAL CAPACITY OF THE MINISTRY OF ENVIRONMENT (MINAM) AND OTHER RELEVANT INSTITUTIONS INVOLVED IN DEVELOPING A REDUCING EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION (REDD) PROGRAM IN PERU THIS GRANT WILL SUPPORT THE PREPARATORY PHASE OF A NATIONAL STRATEGY TO REDUCE EMISSIONS FROM DEFORESTATION, FOREST DEGRADATION, AND OTHER FOREST SECTOR ACTIVITIES (REDD+), AS WELL AS THE IMPLEMENTATION OF RELATED REDD+ ACTIVITIES IN SEVERAL REGIONS OF PERU.	383,987.
MONTEREY BAY AQUARIUM RESEARCH INSTITUTE 7700 SANDHOLDT ROAD BC	NONE EXPEND RESPONSIBILITY	TO SUPPORT MICROFLUIDIC CHIP TECHNOLOGIES TO ENHANCE ENVIRONMENTAL MONITORING	1,390,000.

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
MOSAIC EVENT MANAGEMENT, INC 67 HAIGHT ST SAN FRANCISCO, CA 94102	NONE EXPEND RESPONSIBILITY	TO SUPPORT THE PLANNING AND EXECUTION OF THE 2012 BIMINI ALL GRANTEE SUMMIT AND BETTY IRENE MOORE SPEAKER SERIES	-39,828
MRAG AMERICAS, INC 10051 5TH ST. N, SUITE 105 ST PETERSBURG, FL 33702	NONE EXPEND RESPONSIBILITY	TO EVALUATE THE PERFORMANCE OF NEW ENGLAND AND PACIFIC GROUNDFISH CATCH SHARE MANAGEMENT SYSTEMS DURING THEIR FIRST FIVE YEARS OF IMPLEMENTATION	2,097,308
NATIONAL AERONAUTICS AND SPACE ADM BUILDING 1111 C ROAD STENNIS SPACE CTR, MS 39529	NONE GOVERNMENTAL UNIT	IN SUPPORT OF APPLYING A HIGH POWER COMPUTATIONAL APPROACH TO MODELING OCEAN ECOSYSTEMS TO GENERATE AND TEST HYPOTHESES ABOUT THE RELATIONSHIPS BETWEEN MICROBIAL FUNCTIONING AND NUTRIENT CYCLING	436,195
NATIONAL AUDUBON SOCIETY INC 715 L STREETSUITE 200 ANCHORAGE, AK 99501	NONE 501 (C) (3) 509 (A) (1)	THE NATIONAL AUDUBON SOCIETY, ALASKA STATE OFFICE WILL USE THIS GRANT TO ADVANCE THE CONSERVATION OF WILD SALMON ECOSYSTEMS IN SOUTHEAST ALASKA.	187,553
NATURE AND CULTURE INTERNATIONAL 1400 MAIDEN LANE DEL MAR, CA 92014	NONE 501 (C) (3) 509 (A) (1)	TO CONSOLIDATE THE REGIONAL PROTECTED AREAS SYSTEM IN LORETO, PERU (PROGRE) BY INTEGRATING LANDSCAPE-LEVEL MANAGEMENT OF NATURAL RESOURCES AND SUSTAINABLE ECONOMIC ACTIVITIES FOR LOCAL COMMUNITIES.	1,734,316
NATURE CONSERVANCY 715 L STREET, SUITE 100 ANCHORAGE, AK 99501	NONE 501 (C) (3) 509 (A) (1)	THE NATURE CONSERVANCY, ALASKA CHAPTER WILL USE THIS GRANT TO ADVANCE THE CONSERVATION OF WILD SALMON ECOSYSTEMS IN SOUTHEAST ALASKA.	1,131,351.

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
NATURE CONSERVANCY 4245 NORTH FAIRFAX DRIVE, SUITE 100 PARA	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE DESIGN AND IMPLEMENTATION OF TRANSFERABLE TOOLS, NECESSARY POLICIES, AND PRACTICAL DEMONSTRATIONS THROUGH CO-MANAGEMENT TO ENSURE THE DURABILITY OF THE PACIFIC GROUNDFISH TRAWL CATCH SHARE PROGRAM	387,500
NATURE CONSERVANCY 4245 NORTH FAIRFAX DRIVE, SUITE 100 ARLINGTON, VA 22203-1606	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT COASTAL AND MARINE SPATIAL PLANNING (CMSP) IN THE NORTHEAST UNITED STATES, AND THE TIMELY EVOLUTION OF ECOSYSTEM-BASED NATURAL RESOURCE MANAGEMENT AS IT RELATES TO CMSP.	919,294
NATURE CONSERVANCY 150 SPEAR ST , SUITE 500 BC	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE DEVELOPMENT OF DECISION SUPPORT TOOLS THAT ASSIST ALASKANS IN THE RESPONSIBLE DEVELOPMENT OF NATURAL RESOURCES IN WILD SALMON SYSTEMS	640,790
NET IMPACT NORTHWEST INST FOR BIOREGIONAL RES SOCIETY BO 2781 V0J2N0 SMITHERS CANADA	NONE 501 (C) (3) 509 (A) (1)	TO FUND ELEMENTS OF THE NET IMPACT ENVIRONMENTAL CAREERS INITIATIVE, INSPIRING AND INFORMING THE NEXT GENERATION OF BUSINESS LEADERS TO CONNECT ENVIRONMENTAL CONSERVATION WITH THEIR WORK.	83,236
NUNAMTA AULUKESTA PO BOX 735 DILLINGHAM, AK 99576	NONE 501 (C) (3) 509 (A) (1)	TO HELP ENSURE THAT ENVIRONMENTAL ASSESSMENTS PROCESSES FOR MAJOR ENERGY DEVELOPMENT PROJECTS IN THE SKEENA WATERSHED GIVE COMPREHENSIVE CONSIDERATION TO CUMULATIVE IMPACTS ON WILD SALMON HABITAT.	166,108
		TO INCREASE LOCAL AND REGIONAL SUPPORT FOR PROTECTION OF BRISTOL BAY WATERSHEDS .	387,723

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
OCEAN CONSERVANCY INC 1300 19TH ST NW, 8TH FLOOR WASHINGTON, DC 20036	NONE GOVERNMENTAL UNIT 501(C) (3) 509(A) (1)	TO ADVANCE THE USE OF COASTAL AND MARINE SPATIAL PLANNING IN THE UNITED STATES	1,253,336
OREGON HEALTH & SCIENCE UNIVERSITY 3181 S W SAM JACKSON PARK RD PORTLAND, OR 97239-3098	NONE GOVERNMENTAL UNIT DF	TO SUPPORT AN ENHANCED MODEL FOR DELIVERING BETTER PRIMARY CARE TO HIGH-RISK OLDER ADULTS, THROUGH HEALTH CARE TEAMS LED BY A REGISTERED NURSE CARE MANAGER THAT IMPLEMENT TECHNOLOGY-SUPPORTED CHRONIC DISEASE CARE TO IMPROVE QUALITY, REDUCE HOSPITALIZATIONS, AND IMPROVE THE PATIENT EXPERIENCE	349,089
OREGON STATE UNIVERSITY 308 KERR ADMINISTRATION BUILDING DF	NONE GOVERNMENTAL UNIT	IN SUPPORT OF CREATING A DEEPER UNDERSTANDING OF HOW THE FOOD CHOICES OF MARINE MICROBES CONTRIBUTE TO CARBON CYCLING OFF OF THE COAST OF CALIFORNIA. HIGH PRECISION ISOTOPE TECHNIQUES AND MOLECULAR BIOLOGY METHODS WILL BE COMBINED IN NEW WAYS TO CHARACTERIZE THE FLOW OF NUTRIENTS IN MARINE MICROBIAL ECOSYSTEMS TO IDENTIFY WHICH MICROBES PREFER WHICH TYPES OF FOOD MOLECULES AND HOW MICROEUKARYOTE-BACTERIUM FOOD WEB INTERACTIONS INFLUENCE CARBON USE PATTERNS.	382,979.
PACIFIC ENVIRONMENT AND RESOURCES CENTER 251 KEARNY STREET, SUITE 201 SAN FRANCISCO, CA 94108-4530	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF GRASSROOTS EFFORTS TO PROTECT WILD SALMON AND SALMON HABITAT IN KAMCHATKA, RUSSIA	396,016
PACIFIC SALMON FOUNDATION #300 - 1682 WEST 7TH AVE V6J 4S6 VANCOUVER CANADA	NONE EQUIV US PC	FOR ENHANCEMENT OF THE SCIENTIFIC BASELINE INFORMATION AVAILABLE TO SKENA WATERSHED STAKEHOLDERS IN DEVELOPING RECOMMENDATIONS FOR IMPLEMENTATION OF THE HARVEST REFORM PROVISIONS IN CANADA'S NEW WILD SALMON POLICY.	83,989.

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

PURPOSE OF GRANT OR CONTRIBUTION

AMOUNT

RECIPIENT NAME AND ADDRESS	FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
REGENTS OF THE UNIVERSITY OF CALIFORNIA 3333 CALIFORNIA STREET, SUITE 410 SAN FRANCISCO, CA 94118	NONE GOVERNMENTAL UNIT DF	MICROEUKARYOTE DIVERSITY INFORMATION, THESE PATTERNS WILL ILLUMINATE MICROBIAL METABOLISMS AND FUNCTIONS UNABLE TO BE DETECTED PREVIOUSLY	
20 OXFORD STREET CAMBRIDGE, MA 02138	501(C) (3) 509(A) (1)	TO SELECT 80 INTER-PROFESSIONAL EMERGING HEALTHCARE LEADERS ('MASTER CHANGE AGENTS'), HIGHLY DEVELOP THEIR LEADERSHIP SKILLS TO LEAD AND SUSTAIN CHANGE, AND ENSURE SIGNIFICANTLY IMPROVED PATIENT OUTCOMES AND COSTS ACROSS 20 ADULT ACUTE CARE HOSPITALS IN THE FIVE-COUNTY BAY AREA. THE CENTER FOR HEALTH PROFESSIONALS WILL DEVELOP THESE INDIVIDUALS THROUGH A FORMAL, NON-DEGREE LEADERSHIP CURRICULUM, INDIVIDUAL PROFESSIONAL DEVELOPMENT, PROJECT-BASED LEARNING AND A SUSTAINING PROFESSIONAL NETWORK	525,762
REGENTS OF THE UNIVERSITY OF CALIFORNIA OFC OF RES., SPON PROG., 1850 RES PARK DR	NONE GOVERNMENTAL UNIT	IN SUPPORT OF THE BETTY IRENE MOORE SCHOOL OF NURSING AT THE UNIVERSITY OF CALIFORNIA, DAVIS FOR THE ENROLLMENT AND GRADUATION OF PhD AND MS STUDENTS; FACULTY RECRUITMENT AND DEVELOPMENT; INTERNAL EVALUATION METHODOLOGY, REVENUE GENERATION STREAMS, AND DEVELOPMENT OF A PLAN FOR THE LAUNCH OF A BACHELORS OF SCIENCE IN NURSING PRE-LICENSEURE PROGRAM IN THE FALL 2015.	23,083,704
REGENTS OF THE UNIVERSITY OF CALIFORNIA	NONE	IN SUPPORT OF THE UNIVERSITY OF CALIFORNIA'S PARTNERSHIP FOR INTERDISCIPLINARY STUDIES OF COASTAL OCEANS (PISCO) TO SUPPORT ITS SUBTIDAL KELP FOREST MONITORING PROGRAM IN CALIFORNIA AND FOR ITS ENGAGEMENT WITH THE MARINE LIFE PROTECTION ACT PROCESS. PISCO'S MONITORING PROGRAM WILL HELP ENSURE THAT EXISTING MARINE	-359.

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND
FOUNDATION STATUS OF RECIPIENT

PURPOSE OF GRANT OR CONTRIBUTION

AMOUNT

GOVERNMENTAL UNIT
PROTECTED AREAS IN THE CENTRAL COAST REGION AND
THOSE NEWLY DESIGNATED IN SOUTHERN CALIFORNIA ARE
ADEQUATELY MONITORED.

NONE
GOVERNMENTAL UNIT
IN SUPPORT OF THE DEVELOPMENT, IMPLEMENTATION,
AND EVALUATION OF A RANDOMIZED CONTROLLED
TRIAL TO TEST THE EFFICACY OF A PRIMARY CARE
HEALTH COACHING INTERVENTION AT THE MISSION
NEIGHBORHOOD HEALTH CLINIC IN SAN FRANCISCO,
WITH THE GOAL OF IMPROVING OUTCOMES FOR PATIENTS
DIAGNOSED WITH TYPE 2 DIABETES AND/OR
HYPERTENSION.

NONE
GOVERNMENTAL UNIT
TO SUPPORT AN ICU TEAM-BASED CARE DIAGNOSTIC.

NONE
GOVERNMENTAL UNIT
1,154,937.

NONE
GOVERNMENTAL UNIT
FOR INCREASING SCIENTIFIC UNDERSTANDING OF
THE ECOLOGY AND MANAGEMENT OF SUDDEN OAK
DEATH IN COASTAL FORESTS OF CALIFORNIA. FUNDING
WILL BE USED TO CONDUCT BASIC AND APPLIED
RESEARCH ON THE DISEASE AND ITS CAUSAL PATHOGEN,
PHYTOPHTHORA RAMorum. RESEARCH FINDINGS WILL
BE USED TO DEVELOP RECOMMENDATIONS FOR DISEASE
CONTROL AND LAND MANAGEMENT, AND TO PROVIDE
OUTREACH TO HOMEOWNERS, LAND MANAGERS, AND
POLICY MAKERS TO FACILITATE IMPLEMENTATION
OF THE BEST MANAGEMENT OPTIONS.

NONE
GOVERNMENTAL UNIT
IN SUPPORT OF ADVANCEMENTS IN ENVIRONMENTAL
SCIENCE THROUGH CREATING TECHNOLOGIES THAT
LOWER THE BARRIERS FOR SCIENTISTS TO DEPLOY
AND MANAGE SENSOR NETWORKS. FUNDING WILL

UNIVERSITY OF CALIFORNIA, SANTA BARBARA
SANTA BARBARA, CA 93106-6150

REGENTS OF THE UNIVERSITY OF CALIFORNIA
500 PARNASSUS AVE, MUSE, BO 0900
SAN FRANCISCO, CA 94143

REGENTS OF THE UNIVERSITY OF CALIFORNIA
500 PARNASSUS AVE
SAN FRANCISCO, CA 94143

REGENTS OF THE UNIVERSITY OF CALIFORNIA
151 HILDGARD HALL
BERKELEY, CA 94720

REGENTS OF THE UNIVERSITY OF CALIFORNIA

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
9500 GILMAN DRIVE, MC 0436 LA JOLLA, CA 92093-0436	GOVERNMENTAL UNIT	BE USED TO SUPPORT THE DESIGN, DEVELOPMENT, AND DEPLOYMENT OF NOVEL MARINE AND LAKE BASED REAL-TIME SENSOR NETWORKS INTEGRATED WITH THE OPEN-SOURCE STREAMING DATA MIDDLEWARE SYSTEM DATATURBINE	279,599
REGENTS OF THE UNIVERSITY OF CALIFORNIA 9500 GILMAN DRIVEMAIL CODE 0210 LA JOLLA, CA 92093-0210	NONE GOVERNMENTAL UNIT	TO INVESTIGATE HOW CLOSELY COUPLED MARINE MICROORGANISMS INTERACT PHYSICALLY AND EXCHANGE NUTRIENT MOLECULES BY COMBINING NEW MICROSCOPY TOOLS WITH MOLECULAR AND ISOTOPIC TECHNIQUES. THIS PROJECT AIMS TO ADVANCE UNDERSTANDING OF THE MECHANISMS THAT DRIVE BIOGEOCHEMICAL CYCLES IN THE SURFACE OCEAN.	-145
REGENTS OF THE UNIVERSITY OF CALIFORNIA UNIVERSITY OF CALIFORNIA, SANTA BARBARA SP	NONE GOVERNMENTAL UNIT	FOR THE DEVELOPMENT OF A PLAN TO CREATE PERFORMANCE STANDARDS FOR MARINE SPATIAL PLANNING	2,236,608
REGENTS OF THE UNIVERSITY OF CALIFORNIA UNIVERSITY OF CALIFORNIA, SANTA BARBARA SANTA BARBARA, CA 93106-6150	NONE GOVERNMENTAL UNIT	IN SUPPORT OF FOUNDATIONAL SCIENCE FOR DETERMINING THRESHOLDS FOR MARINE ECOSYSTEMS AND PRACTICAL TOOLS TO DEVELOP PERFORMANCE STANDARDS FOR MARINE SPATIAL PLANNING	500,000
REGENTS OF THE UNIVERSITY OF CALIFORNIA KOHN HALL, UNIVERSITY OF CALIFORNIA SANTA BARBARA, CA 93106	NONE GOVERNMENTAL UNIT	TO BUILD AN INTERDISCIPLINARY COMMUNITY OF RESEARCHERS AND STUDENTS AT THE INTERFACE OF PHYSICS AND BIOLOGY.	1,045,000
REGENTS OF THE UNIVERSITY OF CALIFORNIA	NONE	THE UNIVERSITY OF CALIFORNIA, BERKELEY, IN COLLABORATION WITH THE CALIFORNIA INSTITUTE OF TECHNOLOGY AND THE UNIVERSITY OF WASHINGTON, WILL ANALYZE THE CONCURRENT SEISMIC AND GPS SIGNALS OF RECENT LARGE (M>7) EARTHQUAKES, DEVELOP FINITE-FAULT ALGORITHMS FOR RUPTURE DYNAMICS, AND	

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
307 MCCONE HALL, BERKELEY, CA 94720-4767	GOVERNMENTAL UNIT	CREATE THE FIRST SYSTEM TO PRODUCE REAL-TIME GPS DISPLACEMENT MEASUREMENTS AT NORTHERN CALIFORNIA MONITORING SITES. THE RESULTING KNOWLEDGE GAINED WILL CONTRIBUTE TO THE DEVELOPMENT OF A WEST COAST PROTOTYPE EARTHQUAKE EARLY WARNING SYSTEM CAPABLE OF PROVIDING ROBUST ADVANCE WARNING RANGING FROM TENS OF SECONDS TO MINUTES-OF THE SIZE, EXTENT AND TIMING OF IMMINENT EARTHQUAKES.	999,999
REGENTS OF THE UNIVERSITY OF CALIFORNIA 1 SHIELDS AVENUE DAVIS, CA 95616	NONE GOVERNMENTAL UNIT	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF JORGE DUBCOVSKY	999,999
REGENTS OF THE UNIVERSITY OF CALIFORNIA 9500 Gilman Drive La Jolla, CA 92093	NONE GOVERNMENTAL UNIT	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF MARK ESTELLE	999,999
REGENTS OF THE UNIVERSITY OF CALIFORNIA 2150 Batchelor Hall Riverside, CA 92521	NONE GOVERNMENTAL UNIT	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF XUEMEI CHEN	999,999
REGENTS OF THE UNIVERSITY OF CALIFORNIA 111 Koshland Hall Berkeley, CA 94720-3102	NONE GOVERNMENTAL UNIT	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF KRISHNA NIYOGI.	999,999
REGENTS OF THE UNIVERSITY OF CALIFORNIA 3200 Croul Hall IRVINE, CA 92697-3100	NONE GOVERNMENTAL UNIT	IN SUPPORT OF DEVELOPMENT OF A SYSTEM FOR FORECASTING THE FIRE SEASON SEVERITY AND DROUGHTS IN SEVERAL TROPICAL FOREST AND SAVANNA REGIONS, BASED ON SATELLITE MEASUREMENTS AND COMPUTER MODELING.	900,000.

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

RECIPIENT NAME AND ADDRESS

REGENTS OF THE UNIVERSITY OF CALIFORNIA
EARTH AND MARINE SCIENCES BLDG-A316
SANTA CRUZ, CA 95064

AND

FOUNDATION STATUS OF RECIPIENT

NONE
GOVERNMENTAL UNIT

PURPOSE OF GRANT OR CONTRIBUTION

IN SUPPORT OF PARTICIPATION IN THE INTERNATIONAL

RAPID-RESPONSE PROJECT JAPAN TRENCH FAST DRILLING
PROJECT, WHICH HAS ESTABLISHED THE FIRST EVER
UNDERWATER EARTHQUAKE 'OBSERVATORY' BY DEEP-WATER
DRILLING AT THE SITE OF THE DEVASTATING MARCH
2011 TOHOKU MEGATHRUST EARTHQUAKE

457,876

IN SUPPORT OF A COORDINATED EFFORT BY BAY

AREA SCIENCE AND TECHNOLOGY MUSEUMS TO PROVIDE
HIGH-QUALITY SCIENCE PROFESSIONAL DEVELOPMENT
TO AREA ELEMENTARY TEACHERS

496,981

IN SUPPORT OF A COLLABORATION AMONG THE UNIVERSITY
OF CALIFORNIA, BERKELEY, IMPERIAL COLLEGE
LONDON, PURDUE UNIVERSITY AND THE UNIVERSITY
OF CALIFORNIA, SAN DIEGO TO DEVELOP A PROTOTYPE
MICROSCOPE THAT WILL USE SPECIAL MATERIALS,
WHICH CAN MANIPULATE LIGHT IN WAYS THAT ALLOW
IMAGING OF LIVING CELLS AT RESOLUTIONS NOT
POSSIBLE TODAY WITH CONVENTIONAL LIGHT
MICROSCOPES.

4,200,000.

IN SUPPORT OF THE DEVELOPMENT AND DISSEMINATION

OF A HIGH-QUALITY, HIGH-PROFILE, WEB-BASED
RESOURCE FOR RIGOROUSLY-VETTED SCIENTIFIC
INFORMATION ABOUT THE NATURE AND IMPACTS OF
GLOBAL CHANGE WITH A FOCUS ON BIOLOGICAL/
ECOLOGICAL RESPONSES TO, AND INTERACTIONS WITH,
CHANGING ENVIRONMENTS, INCLUDING CLIMATE
CHANGE.

354,300.

REGENTS OF THE UNIVERSITY OF CALIFORNIA

1101 VALLEY LIFE SCIENCES BUILDING, #4780
BERKELEY, CA 94720-4780

NONE
GOVERNMENTAL UNIT

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

RECIPIENT NAME AND ADDRESS

FOUNDATION STATUS OF RECIPIENT

REGENTS OF THE UNIVERSITY OF CALIFORNIA
 9500 GILMAN DRIVE/MAIL CODE 0210
 LA JOLLA, CA 92093-0210

REGENTS OF THE UNIVERSITY OF CALIFORNIA
 366 LECONTE HALL MC 7300
 BERKELEY, CA 94720

REGENTS OF THE UNIVERSITY OF CALIFORNIA
 735 STATE STREET, SUITE 300
 SANTA BARBARA, CA 93101
 SACRAMENTO, CA 95817

REGENTS OF THE UNIVERSITY OF CALIFORNIA
 2315 STOCKTON BLVD, ROOM 4308
 SAN FRANCISCO, CA 94143-0962

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR	FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
	NONE GOVERNMENTAL UNIT	IN SUPPORT OF DESIGNING AND BUILDING A NEW AUTONOMOUS UNDERWATER VEHICLE WITH NEW CAPABILITIES FOR IDENTIFYING AND QUANTIFYING THE ABUNDANCE OF THE TINY MARINE ANIMALS (ZOOPLANKTON) USING PICTURES AND SOUND	620,000.
	NONE GOVERNMENTAL UNIT	TO SUPPORT THE ACQUISITION OF FIRST-OF-A-KIND OPTICAL INSTRUMENTS (WIDE FIELD OPTICS AND MASSIVELY PARALLEL SPECTROGRAPHS) TO MEASURE DARK ENERGY AND ITS EFFECTS ON THE UNIVERSE'S EXPANSION USING THE RECENTLY PROVEN TECHNIQUE OF BARYON ACOUSTIC OSCILLATIONS.	800,000
	NONE GOVERNMENTAL UNIT	IN SUPPORT OF THE NATIONAL CENTER FOR ECOLOGICAL ANALYSIS AND SYNTHESIS (INCEAS) IN A JOINT EFFORT WITH THE NATURE CONSERVANCY AND THE WILDLIFE CONSERVATION SOCIETY TO CREATE AND OPERATE A GLOBAL CENTER OF EXCELLENCE FOCUSED ON KNOWLEDGE GENERATION TO SUSTAIN NATURE AND HUMAN WELL-BEING.	1,000,000
	NONE GOVERNMENTAL UNIT	TO SUPPORT THE MEDICAL CENTER TO ACHIEVE MAGNET DESIGNATION BY DECEMBER 31, 2013.	150,000
	NONE GOVERNMENTAL UNIT	IN SUPPORT OF THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO TO DEVELOP THE FIRST-OF-ITS-KIND SUPER-RESOLUTION CRYO-MICROSCOPE THAT WILL ALLOW RESEARCHERS TO CO-Localize PROTEIN AND STRUCTURE WITHIN CELLS IN THEIR NATIVE STATE.	1,058,000.

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

RECIPIENT NAME AND ADDRESS

AND

FOUNDATION STATUS OF RECIPIENT

REGENTS OF THE UNIVERSITY OF COLORADO
 390 UCBUNIVERSITY OF COLORADO
 BOULDER, CO 80309-0390

REGENTS OF THE UNIVERSITY OF MINNESOTA
 450 MCNAMARA ALUMNI CENTER, 2
 MINNEAPOLIS, MN 55455-2070

RESEARCH FOUNDATION OF STATE UNIV OF NY
 W5510 MELVILLE LIBRARY
 STONY BROOK, NY 11794

RECIPIENT NAME AND ADDRESS	FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
REGENTS OF THE UNIVERSITY OF COLORADO 390 UCBUNIVERSITY OF COLORADO BOULDER, CO 80309-0390	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF LABORATORY EXPERIMENTS AIMED TO DETECT QUANTUM-MECHANICAL EFFECTS OF GRAVITY THROUGH PRECISE QUANTUM CONTROL OF A MICRO-MECHANICAL OSCILLATOR BY MICROWAVES	1,153,000.
REGENTS OF THE UNIVERSITY OF MINNESOTA 450 MCNAMARA ALUMNI CENTER, 2 MINNEAPOLIS, MN 55455-2070	NONE GOVERNMENTAL UNIT	IN SUPPORT OF THE GLOBAL LANDSCAPES INITIATIVE TO DEVELOP DATASETS, MODELS AND COLLABORATIONS TO EXAMINE ON REGIONAL AND GLOBAL SCALES THE CHANGING FACE OF AGRICULTURE AND HOW THESE CHANGES AFFECT CRUCIAL ECOSYSTEM SERVICES IN ORDER TO HELP US UNDERSTAND AND MANAGE THEINEVITABLE TRADEOFFS OF AGRICULTURE AND THE GLOBAL ENVIRONMENT.	800,000
RESEARCH FOUNDATION OF STATE UNIV OF NY W5510 MELVILLE LIBRARY STONY BROOK, NY 11794	NONE GOVERNMENTAL UNIT	TO ASSESS, MONITOR AND FACILITATE THE ENHANCEMENT OF THE EFFECTIVENESS, IMPACT AND DURABILITY OF POLICY AND VOLUNTARY INSTRUMENTS RELATED TO SUSTAINABLE SOURCING OF BEEF AND SOY IN PARA AND MATO GROSSO, BRAZIL	390,002
REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM 550 NORTH PARK STREET, 122 SCIENCE HALL MADISON, WI 53706-1491	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF DEVELOPING A DEEPER UNDERSTANDING OF BLUEFIN TUNA MIGRATORY PATTERNS AND IMPROVING FISHERY SCIENCE AND MANAGEMENT APPROACHES BY MEASURING CESIUM LEVELS IN BLUEFIN TUNA CAUGHT IN THE CALIFORNIA CURRENT AND OTHER PACIFIC OCEAN LOCATIONS FOLLOWING THE MASSIVE RELEASE OF RADIACITY FROM THE FUKUSHIMA DAI-ICHI NUCLEAR POWER PLANT IN MARCH, 2011.	139,268
RESOURCE LEGACY FUND FOUNDATION 555 CAPITOL MALL SUITE 675	NONE	TO SUPPORT THE CONTINUED IMPLEMENTATION OF THE MARINE LIFE PROTECTION ACT IN CALIFORNIA, INCLUDING THE MARINE PROTECTED AREAS (MPA) MONITORING ENTERPRISE.	3,000,000.

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
GEORGETOWN	501 (C) (3) 509 (A) (3)	TO DEVELOP A SET OF ACTIONABLE PRINCIPLES ABOUT HUMAN BEHAVIOR AND DECISION-MAKING THAT ENVIRONMENTAL GRANTMAKERS AND PRACTITIONERS CAN USE TO IMPROVE THEIR WORK.	51,501
RESOURCES FOR THE FUTURE INC 1616 P STREET NW, SIXTH FLOOR WASHINGTON, DC 20036-1400	NONE 501 (C) (3) 509 (A) (1)	TO PROVIDE PRE-ACQUISITION, PLANNING, COLLABORATION, AND INNOVATIONS SUPPORT TO LEVERAGE PUBLIC AND PRIVATE FUNDING AND CATALYZE LANDSCAPE- SCALE CONSERVATION IN PRIORITY BAY AREA REGIONS.	750,000.
RESOURCES LEGACY FUND 555 CAPITOL MALL SUITE 1095 SACRAMENTO, CA 95814	NONE 501 (C) (3) 509 (A) (1)	FOR ACTIVITIES TO UNCOVER HOW THE METAL-CONTAINING ENZYMES RESPONSIBLE FOR THE CRITICAL ELECTRON TRANSFER REACTIONS THAT TURN BASIC ELEMENTS SUCH AS H, O, C, S, AND N INTO BIOLOGICALLY ACTIVE MOLECULES HAVE EVOLVED. FUNDING WILL BE USED TO DEVELOP BIOINFORMATIC APPROACHES TO PRODUCE INDEPENDENT EVOLUTIONARY RELATIONSHIPS BASED ON PROTEIN SEQUENCE OR PROTEIN STRUCTURE AND TO GENERATE HYPOTHESES FOR HOW THE BIO-CATALYZED ELECTRON TRANSFER REACTIONS AROSE AND HOW FUNCTION	370,000.
RUTGERS THE STATE UNIVERSITY NJ 54 JOYCE KILMER AVE PISCATAWAY, NJ 08854	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF JOSEPH ECKER	999,999
SALK INSTITUTE FOR BIOLOGICAL STUDIES 10010 NORTH TORREY PINES ROAD AM	NONE 501 (C) (3) 509 (A) (1)	TO PROTECT BIODIVERSITY IN THE SAN FRANCISCO BAY AREA BY BUILDING THE CAPACITY OF THE LAND CONSERVATION COMMUNITY TO IMPLEMENT THE CONSERVATION LANDS NETWORK, ENHANCING WEB-BASED	75,000.

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

RECIPIENT NAME AND ADDRESS _____

AND

FOUNDATION STATUS OF RECIPIENT _____

AMOUNT _____

451 HAYES STREET, 2ND FLOOR
BC

 SECRETARIA DE ESTADO DO MEIO AMBIENTE
RUA DOS CRISANTEMOS, 70 - CONJUNTO 69033-230
MANAUS
BRAZIL

501 (C) (3) 509 (A) (1)

PURPOSE OF GRANT OR CONTRIBUTION _____

AMOUNT _____

TOOLS, AND MEASURING AND COMMUNICATING THE
REGIONS PROGRESS TOWARDS GOALS

TO SUPPORT THE IMPLEMENTATION AND SUSTAINABLE
FINANCE OF STATE-LEVEL PROTECTED AREAS IN
AMAZONAS, BRAZIL, AND THE INDEPENDENT EVALUATION
AND VALIDATION OF THE PROBUC COMMUNITY BASED
PROTECTED AREA AND BIODIVERSITY MONITORING
SYSTEM

NONE
FOREIGN GOVERNMENT

TO SUPPORT THE DEVELOPMENT AND APPLICATION
OF A PRACTICAL DECISION-MAKING TOOL FOR SPATIAL
PLANNING OF SMALL-SCALE HYDRO PROJECTS IN
BRITISH COLUMBIA, TO OPTIMIZE THE DEVELOPMENT
OF RENEWABLE ENERGY WHILE MINIMIZING CUMULATIVE
IMPACTS ON ECOSYSTEMS AND BIODIVERSITY
CONSERVATION.

301 (C) (3) 509 (A) (1)

 SIMON FRASER UNIVERSITY
515 WEST HASTINGS STREET V6B 5K3
VANCOUVER
CANADA

TO INCREASE THE EFFECTIVENESS OF SKEENA FIRST
NATIONS AND OTHER COMMUNITIES IN PROMOTING A
PRECAUTIONARY AND PLANNED APPROACH TO INDUSTRIAL
DEVELOPMENT IN SENSITIVE UPPER WATERSHED AREAS.

NONE
EXPEND RESPONSIBILITY

 SKEENA WATERSHED CONSERVATION COALITION
PO BOX 70 V0J 1Y0
HAZELTON
CANADA

EQUIV US PC

IN SUPPORT OF STRATEGIES TO ACCELERATE THE
ADOPTION OF SUSTAINABLE SALMON HARVEST AND
HABITAT PROTECTION PRACTICES IN THE SKEENA
WATERSHED OF NORTHWEST BRITISH COLUMBIA.
FUNDING WILL BE USED TO STRENGTHEN THE IN-REGION
CAMPAIGN TO ENSURE IMPLEMENTATION OF CANADA'S
NEW WILD SALMON POLICY CONSISTENT WITH THE
MAY 2008 RECOMMENDATIONS OF THE SKEENA INDEPENDENT
SCIENCE REVIEW PANEL

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

RECIPIENT NAME AND ADDRESS

SOCIEDAD PERUANA DE DERECHO AMBIENTAL
FPROL ARENALES NO 437 27
LIMA
PERU

SONOMA LAND TRUST
99966 SONOMA AVENUE
SANITA ROSA, CA 95404

ST ROSE HOSPITAL FOUNDATION
27200 CALAROGA AVE
HAYWARD, CA 94545

STANFORD UNIVERSITY BOARD OF TRUSTEES JR UNIV
300 PASTEUR DRIVE
STANFORD, CA 94301

STANFORD UNIVERSITY BOARD OF TRUSTEES JR UNIV
GILBERT HALL

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

NONE

310

501(C) (3) 509(A) (1)

NONE

NONE

TO CONSOLIDATE AND SECURE THE GAINS OBTAINED TO DATE ON PRIVATE LANDS CONSERVATION, WHILE EXPANDING THE CREATION OF SUB-NATIONAL PROTEC AREAS USING THEIR ALREADY PROVEN CONSERVATION TOOLS FOR REGIONAL PROTECTED AREAS SYSTEMS IN THE PERUVIAN AMAZON

FOR THE PROTECTION OF A CRITICAL CHOKEPOINT
WITHIN A HIGH-PRIORITY WILDLIFE CORRIDOR
IN SONOMA VALLEY IN ORDER TO MAINTAIN WILDLIFE
HABITAT, OPTIMIZE FREE MOVEMENT OF SPECIES,
AND PROVIDE RESILIENCE TO RESPOND TO CLIMATE
CHANGE

IN SUPPORT OF WORK TO ACHIEVE AND SUSTAIN A 30% REDUCTION IN 30-DAY READMISSION RATES AND A 15% REDUCTION IN 90-DAY READMISSION RATES FOR PATIENTS DISCHARGED FROM ST. ROSE HOSPITAL

TO INVESTIGATE HOW CORALS RESIST STRESS THROUGH
DEVELOPMENT OF A POWERFUL SEA ANEMONE MODEL.
SYSTEM AND RELATED EXPERIMENTS WITH CORALS, SEA
ANEMONES AND THE SYMBIOTIC ALGAE THAT RESIDE IN
THEM. THE FUNDING WILL BE USED TO ENHANCE
RESEARCHERS' ABILITIES TO PREDICT CORAL
RESILIENCE BY IDENTIFYING EARLY, RELIABLE SIGNALS
THAT RESULT FROM CHANGING ENVIRONMENTAL
CONDITIONS

TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY
RESEARCH IN THE LAB OF DOMINIQUE BERGMANN
999,999

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
STANFORD, CA 94305-4200	501(C) (3) 509 (A) (1)	IN SUPPORT OF THE IMPLEMENTATION OF A TRANSITIONAL CARE PROGRAM AT STANFORD HOSPITAL AND CLINICS FOR HEART FAILURE PATIENTS. THE GOAL OF THE PROGRAM WILL BE TO ACHIEVE AND SUSTAIN A 30% REDUCTION IN THE 30-DAY AND A 15% REDUCTION IN 90-DAY ALL CAUSE READMISSION RATES FOR PATIENTS WITH HEART FAILURE	301,424
STANFORD UNIVERSITY BOARD OF TRUSTEES JR UNIV 300 PASTEUR DRIVE STANFORD, CA 94305	NONE 501(C) (3) 509 (A) (1)	IN SUPPORT OF A COORDINATED PROGRAM AMONG STANFORD UNIVERSITY, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, AND THE MAX PLANCK INSTITUTE OF QUANTUM OPTICS TO DEMONSTRATE INTERACTION-FREE MEASUREMENTS WITH ELECTRONS, WHICH IF SUCCESSFUL WILL FORM THE BASIC PRINCIPLES FOR FUTURE DEVELOPMENT OF AN ELECTRON MICROSCOPE BASED ON QUANTUM PHYSICS	449,875.
STANFORD UNIVERSITY BOARD OF TRUSTEES JR UNIV VARIAN PHYSICS BUILDING, 382 VIA PUEBLO MALL STANFORD, CA 94305-4060	NONE 501(C) (3) 509 (A) (1)	IN SUPPORT OF INVESTIGATIONS OF ENGINEERED NANO-STRUCTURES, 'DESIGNER QUANTUM MATERIALS,' IN WHICH ELECTRON-ELECTRON INTERACTIONS ARE MANIPULATED BY DESIGN, AND THE RESULTING COMPLEX COOPERATIVE ELECTRON BEHAVIOR PROBED BY THE STATE-OF-THE-ART METHODS OF TUNNELING SPECTROSCOPY, MAGNETIC MICROSCOPY, AND ON-CHIP ELECTRON INTERFEROMETRY	1,000,000.
STANFORD UNIVERSITY BOARD OF TRUSTEES JR UNIV 3160 PORTER DRIVE PALO ALTO, CA 94304-8445	NONE 501(C) (3) 509 (A) (1)	IN SUPPORT OF THE NATURAL CAPITAL PROJECT TO DEVELOP, TEST AND SUPPORT THE IMPLEMENTATION OF NEW METRICS, TOOLS, AND APPROACHES FOR QUANTIFYING BOTH NATURAL CAPITAL AND HUMAN WELL-BEING, INTERRELATING THEM UNDER PRESENT	99,558.

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
371 SERRA MALL STANFORD, CA 94305-6030	501 (C) (3) 509 (A) (1)	CONDITIONS AND ALTERNATIVE FUTURE SCENARIOS	
STANFORD UNIVERSITY BOARD OF TRUSTEES JR UNIV 348 VIA PUEBLO MALL STANFORD UNIVERSITY STANFORD, CA 94305-4090	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF THE DESIGN AND IMPLEMENTATION OF A NOVEL 'ATOM CHIP MICROSCOPE,' WHICH WILL USE ULTRACOLD MAGNETIC ATOMS TO IMAGE MAGNETIC AND TRANSPORT PROPERTIES OF MATERIALS WITH AN UNPRECEDENTED SENSITIVITY AND AT VARIABLE TEMPERATURES	539,000.
SURFRIDER FOUNDATION P. O. BOX 6010 SAN CLEMENTE, CA 92674-6010	NONE 501 (C) (3) 509 (A) (2)	TO SUPPORT SURFRIDER'S EFFORTS TO EDUCATE AND ENGAGE COASTAL RESIDENTS IN OCEAN PLANNING.	371,131
SUSTAINABLE FISHERIES PARTNERSHIP FOUNDATION 4348 WAIALAE AVE, #692 HONOLULU, HI 96816	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF EFFORTS TO IMPROVE SALMON FISHERIES MANAGEMENT IN ALASKA, BRITISH COLUMBIA AND KAMCHATKA THROUGH SUPPORT FOR AND IMPROVEMENT OF MARKET CERTIFICATION REGIMES	127,498.
SUSTAINABLE NORTHWEST 813 SW ALDER ST, SUITE 500 BC	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE IDENTIFICATION AND DISTRIBUTION OF LESSONS LEARNED FROM A COMPARATIVE ANALYSIS OF THE KLAMATH RESTORATION INITIATIVE AND SIMILAR LARGE WATERSHED-SCALE GOVERNANCE INITIATIVES.	179,806
SUTTER HEALTH	NONE	TO SUPPORT THE DEVELOPMENT AND IMPLEMENTATION OF AN INTENSIVE CARE UNIT-AWAKENING AND BREATHING COORDINATION, DELIRIUM MONITORING, AND EXERCISE/EARLY MOBILITY INTERVENTION. A REDUCTION IN THE PERCENT OF HOSPITALIZED PATIENTS WITH SIGNIFICANTLY HIGH OR LOW BLOOD GLUCOSE LEVELS, AND DEVELOPMENT AND IMPLEMENTATION OF AN INTER-PROFESSIONAL TEAM MODEL WITH THE GOAL OF	900,000.

FORM 5008E, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENT

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
2200 RIVER PLAZA DRIVE SACRAMENTO, CA 95833	NONE 501 (C) (3) 509 (A) (2)	SIGNIFICANTLY REDUCING MORBIDITY, MORTALITY, AND IMPROVING PATIENT OUTCOMES. AND PHILANTHROPIC ENDEAVORS	244,905
SUTTER HEALTH 2200 RIVER PLAZA DRIVE SACRAMENTO, CA 95833	NONE 501 (C) (3) 509 (A) (2)	IN SUPPORT OF SPREADING THE HEART FAILURE CONTINUUM OF CARE MODEL, A HIGHLY EFFECTIVE TRANSITIONAL CARE PROGRAM AIMED AT REDUCING HEART FAILURE READMISSIONS. OUTCOMES INCLUDE A REDUCTION IN BOTH 30-DAY AND 90-DAY READMISSION RATES AT EDEN MEDICAL CENTER BY AT LEAST 30% AS COMPARED TO THE 2009 BASELINE, AND THE COMMITMENT OF AT LEAST ONE ADDITIONAL SAN FRANCISCO BAY AREA SUTTER HEALTH HOSPITAL TO FULLY IMPLEMENT THE MODEL	113,000
THE CHEMICAL HERITAGE FOUNDATION 315 CHESTNUT STREET PHILADELPHIA, PA 19106	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT THE CREATION AND PUBLICATION OF A BIOGRAPHY OF GORDON E. MOORE, WHICH WILL COVER FOR PUBLIC BENEFIT DR. MOORE'S LIFE AND CAREER. THE BIOGRAPHY WILL PORTRAY DR. MOORE'S ROLE IN PROFOUND HISTORICAL DEVELOPMENTS FROM THE RISE OF SEMICONDUCTOR ELECTRONICS, THE SEMICONDUCTOR INDUSTRY, AND THE INTEGRATED CIRCUIT TO THE DEVELOPMENT OF THE SILICON VALLEY DYNAMIC OF TECHNOLOGICAL INNOVATION THROUGH VENTURE CAPITAL-BACKED STARTUPS AND ALSO HIS BACKGROUND AND PHILANTHROPIC ENDEAVORS.	245,000.
THE CONSERVATION FUND A NP CORP 1655 NORTH FORT MYER DRIVE, SUITE 1300 ARLINGTON, VA 22209-3199	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF RESEARCH TO IDENTIFY THE CONDITIONS FOR OPTIMAL SALMON PRODUCTION IN ENVIRONMENTALLY SECURE RECIRCULATING AQUACULTURE SYSTEMS.	

ATTACHMENT 22 (CONT'D)

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

PURPOSE OF GRANT OR CONTRIBUTION

AMOUNT

THE EXPLORATORIUM

2,575,000.

501(C) (3) 509 (A) (1)
 SAN FRANCISCO, CA 94123
 FOUNDATION STATUS OF RECIPIENT
 PURPOSE OF GRANT OR CONTRIBUTION
 AMOUNT

NONE
 IN SUPPORT OF THE EXPLORATORIUM FACILITIES
 CONSTRUCTION AT PIERS 15-17, RELOCATION AND
 TRANSITION COSTS, AND FOR ITS SCIENCE EDUCATION
 PROGRAMS

THE FRESHWATER TRUST
 5668 W FLYING HAWK LANE
 PORTLAND, OR 97204
 FOUNDATION STATUS OF RECIPIENT
 PURPOSE OF GRANT OR CONTRIBUTION
 AMOUNT

NONE
 501(C) (3) 509 (A) (1)
 TO ENABLE THE FRESHWATER TRUST TO TAKE
 STREAM-BANK RESTORATION PROJECTS TO SCALE THROUGH
 DEVELOPMENT OF WATER QUALITY CREDIT MARKETS.

THE PEREGRINE FUND
 5668 W FLYING HAWK LANE
 BOISE, ID 83709
 FOUNDATION STATUS OF RECIPIENT
 PURPOSE OF GRANT OR CONTRIBUTION
 AMOUNT

NONE
 501(C) (3) 509 (A) (1)
 IN SUPPORT OF GENERAL OPERATIONS
 20,000.

THE TECH MUSEUM OF INNOVATION
 201 SOUTH MARKET STREET
 SAN JOSE, CA 95113
 FOUNDATION STATUS OF RECIPIENT
 PURPOSE OF GRANT OR CONTRIBUTION
 AMOUNT

NONE
 501(C) (3) 509 (A) (1)
 TO CREATE A TECHNOLOGY-ENABLED PLATFORM FOR
 IMPROVING VISITOR EXPERIENCE THROUGH DATA
 COLLECTION AND ANALYTICS THAT WILL INFORM EXHIBIT
 DESIGN AND EXTENSION.

THIRD SECTOR NEW ENGLAND, INC
 THE NONPROFIT CENTER, SUITE 202, 89 S ST
 BC
 FOUNDATION STATUS OF RECIPIENT
 PURPOSE OF GRANT OR CONTRIBUTION
 AMOUNT

NONE
 501(C) (3) 509 (A) (1)
 TO SUPPORT THE APPLICATION OF SEAPLAN'S (FORMERLY
 THE MASSACHUSETTS OCEAN PARTNERSHIP) EXPERTISE IN
 IMPLEMENTATION OF THE MASSACHUSETTS OCEAN
 MANAGEMENT PLAN, DEVELOPMENT OF PLAN 2.0, AND
 INITIAL PHASES OF NEW ENGLAND REGIONAL MARINE
 SPATIAL PLANNING, PARTICULARLY PROCESS DESIGN,
 STAKEHOLDER ENGAGEMENT, AND SCIENCE INTEGRATION.
 610,455.

TIDES CANADA FOUNDATION
 400-163 HASTINGS ST V6B 1H5
 VANCOUVER
 BC
 CANADA
 FOUNDATION STATUS OF RECIPIENT
 PURPOSE OF GRANT OR CONTRIBUTION
 AMOUNT

NONE
 501(C) (3) 509 (A) (1)
 TO SUPPORT AN AGILE MECHANISM FOR TIMELY,
 SMALL-SCALE INVESTMENTS IN ACTIVITIES AIMED AT
 SECURING RESILIENT AND PRODUCTIVE MARINE
 ECOSYSTEMS IN BRITISH COLUMBIA
 881,296.

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

RECIPIENT NAME AND ADDRESS

TIDES CANADA FOUNDATION
400-163 HASTINGS ST V6B 1H5
VANCOUVER
BC
CANADA

AMOUNT

243,337.

IN SUPPORT OF THE HEADWATERS INITIATIVE PROJECT
TO COORDINATE A UNIFIED ARTICULATION OF FIRST
NATIONS EXPECTATIONS FOR THEIR ROLE IN THE
MANAGEMENT OF CUMULATIVE IMPACTS OF DEVELOPMENT
IN THE WILD SALMON ECOSYSTEMS IN THE SKEENA
REGION OF BRITISH COLUMBIA

PURPOSE OF GRANT OR CONTRIBUTION

330,060

IN SUPPORT OF THE SALMON AQUACULTURE INNOVATION
FUND. FUNDING WILL BE USED IN CONJUNCTION
WITH PUBLIC AND PRIVATE SOURCES TO SUPPORT EARLY
STAGE RESEARCH, DEVELOPMENT, AND DEMONSTRATION
OF CLOSED CONTAINMENT SYSTEMS IN BRITISH
COLUMBIA.

AMOUNT

1,452,599

TO SUPPORT THE MARINE PLANNING PARTNERSHIP FOR
THE NORTH PACIFIC COAST TO PRODUCE FOUR
SUB-REGIONAL MARINE USE PLANS AND A COMMON
REGIONAL MARINE USE PLAN

PURPOSE OF GRANT OR CONTRIBUTION

98,800.

TO SUPPORT TIDES CANADA FOUNDATION'S 'TLATSINI
CONSERVATION FUND' TO SUPPORT THE TAKU TLINGET
FIRST NATION IN IMPLEMENTING WILD SALMON
CONSERVATION PROVISIONS OF THE ATLIN-TAKU LAND
USE PLAN AND THE ASSOCIATED GOVERNMENT-TO-
GOVERNMENT SHARED DECISION-MAKING AGREEMENT.

AMOUNT

219,500

TO SUPPORT IMPLEMENTATION OF THE GITANYOW FIRST
NATION LAND USE PLAN AND THE KIWANGA SOCKEYE
SALMON RECOVERY PLAN

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

RECIPIENT NAME AND ADDRESS

PURPOSE OF GRANT OR CONTRIBUTION

AMOUNT

TIDES CANADA INITIATIVES SOCIETY
400 - 163 HASTINGS ST V6B 1H5
VANCOUVER
CANADA

NONE
EQUIV US PC
TO SUPPORT TIDES CANADA INITIATIVE'S CANADIAN
FRESHWATER ALLIANCE PROJECT IN INCREASING
COMMUNITY UNDERSTANDING OF STANDARDS AND
PRACTICES FOR PROTECTING ECOLOGICAL FLOWS
AND GROUNDWATER

TROUT UNLIMITED
1300 N 17TH STREET, SUITE 500
ARLINGTON, VA 22209

NONE
501(C) (3) 509(A) (1)
TO INCREASE STATE AND FEDERAL SUPPORT FOR
PERMANENTLY PROTECTING THE RENEWABLE NATURAL
RESOURCES OF BRISTOL BAY, ALASKA

TROUT UNLIMITED
1300 N 17TH STREET, SUITE 500
ARLINGTON, VA 22209

NONE
501(C) (3) 509(A) (1)
TO TROUT UNLIMITED'S ALASKA PROGRAM WILL USE THIS
GRANT TO ADVANCE THE CONSERVATION OF WILD SALMON
ECOSYSTEMS IN SOUTHEAST ALASKA.

TRUST FOR CONSERVATION INNOVATION
150 POST STREET, SUITE 342
SAN FRANCISCO, CA 94108

NONE
501(C) (3) 509(A) (1)
TO ENSURE THE LONG-TERM CONSERVATION OF PERU'S
ALTO PURÉS LANDSCAPE COMPOSED OF A 4 MILLION
HECTARE NETWORK OF CORE PROTECTED AREAS AND
INDIGENOUS TERRITORIES

UNITED NATIONS EDUCATIONAL, SCIENTIFIC & CULTURAL
ORGANIZATION
1, RUE MIOULIS 75015
PARIS
FRANCE

NONE
93,295
TO DEVELOP PRINCIPLES FOR MONITORING AND
EVALUATING MARINE SPATIAL PLANNING AND SYNTHESIZE
THOSE PRINCIPLES INTO A GUIDEBOOK FOR
PRACTITIONERS

UNITED STATES GEOLOGICAL SURVEY

NONE
394,406
IN SUPPORT OF COORDINATION AND INTEGRATION OF
EARTHQUAKE EARLY WARNING GRANT ACTIVITIES
CONDUCTED AT THE CALIFORNIA INSTITUTE OF
TECHNOLOGY, UNIVERSITY OF CALIFORNIA AT BERKELEY,
AND UNIVERSITY OF WASHINGTON TO DEVELOP A WEST
COAST PROTOTYPE EARTHQUAKE EARLY WARNING SYSTEM
CAPABLE OF PROVIDING ROBUST ADVANCE WARNING
RANGING FROM TENS OF SECONDS TO MINUTES, AND OF
THE SIZE, EXTENT AND TIMING OF IMMINENT

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
12201 SUNRISE VALLEY DRIVE RESTON, VA 20192	GOVERNMENTAL UNIT	EARTHQUAKES.	
UNIVERSIDADE FEDERAL DE VICOSA AVENIDA PETER HENRY ROLFS 36570-000 VICOSA BRAZIL	NONE FOREIGN GOVERNMENT	TO INVESTIGATE THE FEASIBILITY OF SUSTAINABLE AGRICULTURE IN AMAZONIA BY IDENTIFYING OPPORTUNITIES TO INCREASE AGRICULTURAL PRODUCTION AND THE RISKS OF FURTHER DEFORESTATION TO AGRICULTURE, BIODIVERSITY AND ECOSYSTEM SERVICES	853,200.
UNIVERSITY OF BRITISH COLUMBIA, 3529 UNIVERSITY BLVD. V6T 1Z4 VANCOUVER CANADA	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF RESEARCH USING MOLECULAR AND EXPERIMENTAL APPROACHES TO SHED LIGHT ON COMMON YET POORLY UNDERSTOOD NUTRITIONAL MODES OF MICROBIAL EUKARYOTES.	730,786.
UNIVERSITY OF CHICAGO 5734 SOUTH ELLIS AVENUE CHICAGO, IL 60637	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF RESEARCH THAT ADDRESSES HOW NUTRIENT AVAILABILITY AFFECTS VIRAL DYNAMICS, THE CONTRIBUTIONS OF VIRAL GENES TO NUTRIENT UPTAKE BY THE HOSTS DURING INFECTION, AND THE CHEMICAL COMPOSITION OF NUTRIENTS RELEASED FROM HOST CELLS DURING VIRAL INFECTION.	1,226,560
UNIVERSITY OF COLORADO FOUNDATION 1380 LAWRENCE STREET, SUITE 1125 DENVER, CO 80204	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF DEVELOPING AN OPEN-SOURCE SMART PHONE APPLICATION THAT WILL MAKE IT EASIER FOR RESEARCHERS TO RECORD THE CONTEXTUAL INFORMATION THAT DESCRIBES A HABITAT.	181,592.
			200,000.

FORM 990PF, PART XV - CONTRIBUTIONS APPROVED FOR FUTURE PAYMENT

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
UNIVERSITY OF DELAWARE 152 TOWNSEND HALL NEWARK, DE 19716	NONE 501 (C) (3) 509 (A) (1)	IN SUPPORT OF INTEGRATING A NOVEL SUITE OF BIOMINFORMATIC TOOLS FOR ANALYZING VIRAL METAGENOMIC DATASETS INTO A MAJOR PUBLIC DNA SEQUENCE ANALYSIS PLATFORM. THE FUNDING WILL BE USED TO IMPROVE THE VIRAL INFORMATICS RESOURCE FOR METAGENOME EXPLORATION AND TRANSITION IT INTO THE COMMUNITY CYBERINFRASTRUCTURE FOR ADVANCED MICROBIAL ECOLOGY RESEARCH AND ANALYSIS	50,600
UNIVERSITY OF EAST ANGLIA NORWICH RESEARCH PARK NR4 7TU NORWICH ESTONIA	NONE EQUIV US PC	IN SUPPORT OF DEVELOPING AND APPLYING CUTTING-EDGE MOLECULAR ECOLOGY METHODS TO CREATE A DEEPER UNDERSTANDING OF HOW MICROORGANISMS THAT RELY ON SMALL CARBON MOLECULES FOR FOOD ARE ACTIVE IN DEEP AND SHALLOW MARINE HABITATS	813,883
UNIVERSITY OF GUELPH BIODIVERSITY INST OF ONT, 579 GORDON NIG 2W1 GUELPH CANADA	NONE EQUIV US PC	TO SUPPORT THE DEVELOPMENT OF PROTOCOLS THAT WILL ENABLE THE COST-EFFECTIVE RECOVERY OF INSECT DNA BARCODE RECORDS FROM OLD MUSEUM SPECIMENS	227,250
UNIVERSITY OF NEW SOUTH WALES THE UNIV OF NEW SWALES 2052 SYDNEY AUSTRALIA	NONE EQUIV US PC	IN SUPPORT OF RESEARCH TO DETERMINE IF MICROBIAL SYMBIOTIC TOOLS THAT LIVE IN CLOSE ASSOCIATION WITH THEIR HOSTS HAVE ACQUIRED PROTEINS FROM THEIR HOST OVER THE COURSE OF EVOLUTION AND IF THEY USE THESE EUKARYOTIC-LIKE PROTEINS TO FACILITATE THE SYMBIOTIC RELATIONSHIP.	1,292,000
UNIVERSITY OF NORTH CAROLINA CB #3280, COKER HALL CHAPEL HILL, NC 27599-3280	NONE 501 (C) (3) 509 (A) (1)	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF JEFF DANGL.	999,999.

ATTACHMENT 22 (CONT'D.)

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR
AND
FOUNDATION STATUS OF RECIPIENT

UNIVERSITY OF OREGON 119 HENDRICKS HALL, 1209 UNIVERSITY OF OREGON EUGENE, OR 97403	NONE GOVERNMENTAL UNIT
UNIVERSITY OF SOUTHERN CALIFORNIA 3616 TROUSDALE PARKWAY AHF 301 LOS ANGELES, CA 90089-0371	NONE 501 (C) (3) 509 (A) (2)
UNIVERSITY OF VICTORIA UNIV HOUSE 4, PO BOX 3060 V8W 3R4 VICTORIA CANADA	NONE 501 (C) (3) 509 (A) (1)
UNIVERSITY OF WASHINGTON 1122 NE BOAT STREET SEATTLE, WA 98105	NONE GOVERNMENTAL UNIT
UNIVERSITY OF WASHINGTON	NONE

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
BOX 351310 SEATTLE, WA 98195-1310	GOVERNMENTAL UNIT	WARNING-RANGING FROM TENS OF SECONDS TO MINUTES-OF THE SIZE, EXTENT AND TIMING OF IMMINENT EARTHQUAKES.	
UNIVERSITY OF WASHINGTON BOX 351600 SEATTLE, WA 98195	NONE GOVERNMENTAL UNIT	TO SUPPORT INNOVATIVE, LEADING-EDGE PLANT BIOLOGY RESEARCH IN THE LAB OF KEIKO TORII	999,999
UNIVERSITY OF WASHINGTON 50 COMMUNICATIONS BOX 353765 SEATTLE, WA 98195-3765	NONE GOVERNMENTAL UNIT	IN SUPPORT OF THE CONSERVATION MEDIA PROJECT WHICH AIMS TO CHANGE THE TONE IN SCIENCE JOURNALISM FROM A DEFENSIVE POSTURE TO ONE THAT IS INSPIRING AND SOLUTION ORIENTED	200,000.
VETERANS HEALTH ADMINISTRATION 3801 MIRANDA AVENUE PALO ALTO, CA 94304	NONE GOVERNMENTAL UNIT	IN SUPPORT OF WORK TO ACHIEVE AND SUSTAIN A 30% REDUCTION IN 30-DAY READMISSIONS AND A 15% REDUCTION IN 90-DAY READMISSIONS FOR PATIENTS DISCHARGED FROM THE ACUTE INPATIENT UNITS AT THE HOSPITAL	100,000
VMC FOUNDATION 2400 MOORPARK AVE , SUITE 207 SAN JOSE, CA 95128	NONE 501(C) (3) 509 (A) (1)	IN SUPPORT OF IMPLEMENTATION AND EVALUATION OF A TRANSITIONAL CARE PROGRAM FOR HEART FAILURE PATIENTS. THE GOAL OF THE PROGRAM IS TO ACHIEVE AND SUSTAIN A 30% REDUCTION IN THE 30-DAY AND A 15% REDUCTION IN 90-DAY ALL-CAUSE READMISSION RATES FOR PATIENTS WITH HEART FAILURE.	250,241
WAGENINGEN UNIVERSITY WAGENINGEN CAMPUS BLDG NO 100, 101 6703 PB WAGENINGEN NIUE	NONE EQUIV US PC	STATE, BRAZIL TO USE CLOUD-FREE RADAR IMAGES TO ASSESS AND MONITOR FOREST COVER	200,000.

RECIPIENT NAME AND ADDRESS	RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT	PURPOSE OF GRANT OR CONTRIBUTION	AMOUNT
WESTCOAST AQUATIC MANAGEMENT ASSOCIATION #3-4310 10TH AVENUE V9Y 4 PORT ALBERNI CANADA	NONE EQUIV US PC	TO SUPPORT PROGRESS TOWARDS IMPLEMENTATION OF A MARINE SPATIAL PLAN FOR THE WEST COAST VANCOUVER ISLAND	606,237.
WILD SALMON CENTER JEAN VOLLM NATL CAP CTRR, 721 NW 9TH AVE, STE 280 BC	NONE 501(C) (3) 509(A) (1)	TO SUPPORT THE CONSERVATION OF WILD SALMON AND WILD SALMON HABITAT IN KAMCHATKA, RUSSIA.	1,088,000
WILDLIFE CONSERVATION SOCIETY 2300 SOUTHERN BOULEVARD BRONX, NY 10460	NONE 501(C) (3) 509(A) (1)	TO SUPPORT CONSERVATION OF WILD SALMON AND WILD SALMON HABITAT IN KAMCHATKA, RUSSIA.	697,094
WILDLIFE CONSERVATION SOCIETY INAMBARI/MADRE DE DIOS BASIN IN THE AMAZONIAN HEADWATERS REGION AS A PILOT CASE. THIS APPROACH ENCOMPASSES THE DEVELOPMENT OF A WATERSHED-LEVEL, SCIENTIFIC UNDERSTANDING OF WATERS, WETLANDS, BASINS, AND AQUATIC BIODIVERSITY DYNAMICS AND A	NONE	TO DEVELOP AND CONSOLIDATE NATIONAL AND REGIONAL PROTECTED AREA MONITORING PROGRAMS IN BOLIVIA, PERU, ECUADOR, COLOMBIA, AND BRAZIL; TO CONTINUE IMPLEMENTING MANAGEMENT AND INFRASTRUCTURE MITIGATION PRACTICES IN PROTECTED AREAS OF THE MADIDI LANDSCAPE IN BOLIVIA, AND TO INTEGRATE PROTECTED AREA MANAGEMENT PLANS WITH MUNICIPAL AND STATE LEVEL DEVELOPMENT PLANS IN PASTAZA, ECUADOR AND LORETO, PERU	3,200,000.
WILDLIFE CONSERVATION SOCIETY	NONE	TO ENHANCE THE SOCIO-ENVIRONMENTAL POLICIES AND PRACTICES USED IN THE PLANNING AND IMPLEMENTATION OF LARGE-SCALE DAMS IN THE PERUVIAN AMAZON THROUGH THE APPLICATION OF AN INTEGRATED RIVER BASIN MANAGEMENT APPROACH, USING THE INAMBARI/MADRE DE DIOS BASIN IN THE AMAZONIAN HEADWATERS REGION AS A PILOT CASE. THIS APPROACH ENCOMPASSES THE DEVELOPMENT OF A WATERSHED-LEVEL, SCIENTIFIC UNDERSTANDING OF WATERS, WETLANDS, BASINS, AND AQUATIC BIODIVERSITY DYNAMICS AND A	445,495.

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
2300 SOUTHERN BOULEVARD BRON, NY 10460	501(C) (3) 509(A) (1)	ROBUST STRATEGIC ENVIRONMENTAL IMPACT ASSESSMENT AND MITIGATION FRAMEWORK FOR DAMS, AS WELL AS ITS SUBSEQUENT DISSEMINATION AS AN EXEMPLARY CASE FOR USE IN OTHER ANDES-AMAZ WATERSHEDS THREATENED BY NEW DAM CONSTRUCTION	258,044
WILDLIFE CONSERVATION SOCIETY 2300 SOUTHERN BOULEVARD BRON, NY 10460	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF HEALTH & ECOSYSTEMS: ANALYSIS OF LINKAGES, AN APPLIED RESEARCH PROGRAM THAT WILL EXPLORE THE LINKS BETWEEN HEALTH AND LANDSCAPE-LEVEL ECOSYSTEM CHANGE, FURTHER CHARACTERIZE HOW ECOSYSTEM CHANGE AFFECTS HUMAN HEALTH, AND ASSES THE EXTENT TO WHICH 'HEALTH' CAN BE CONSIDERED AN ECOSYSTEM BENEFIT.	291,020
WILDLIFE CONSERVATION SOCIETY 2300 SOUTHERN BOULEVARD BRON, NY 10460	NONE 501(C) (3) 509(A) (1)	TO SUPPORT THE ENHANCEMENT OF THE CONSERVATION TRUST FUND INVESTMENT SURVEY IN ORDER TO IMPROVE THE EFFECTIVENESS AND INCREASE FUNDING OF CONSERVATION TRUST FUNDS.	770,431
WOODS HOLE OCEANOGRAPHIC INSTITUTION 266 WOODS HOLE ROAD WOODS HOLE, MA 02543-1052	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF ADVANCES IN IMAGING INFORMATICS IN THE FIELD OF OCEANOGRAPHY. FUNDING SUPPORTS NEW KNOWLEDGE ABOUT MARINE ECOSYSTEMS THROUGH INNOVATIVE INFORMATICS APPROACHES, WHICH INFUSE DATA INTEGRATION CAPABILITIES INTO OCEAN SENSOR SYSTEMS AND ARE DESIGNED VIA SCIENTIST-INFORMATICIST PARTNERSHIPS.	1,190,087
WOODS HOLE OCEANOGRAPHIC INSTITUTION 266 WOODS HOLE ROAD WOODS HOLE, MA 02543-1052	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF THE DEVELOPMENT OF LABORATORY AND FIELD-BASED EXPERIMENTAL SYSTEMS FOR CHARACTERIZING THE ROLES OF MICROBIAL PHYSIOLOGY, ECOLOGY AND BIOGEOCHEMISTRY IN THE CYCLING OF DISSOLVED ORGANIC MATTER IN THE OLIGOTROPHIC OCEAN	1,190,087

RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR

AND

FOUNDATION STATUS OF RECIPIENT

RECIPIENT NAME AND ADDRESS

WOODS HOLE OCEANOGRAPHIC INSTITUTION
 266 WOODS HOLE ROAD
 WOODS HOLE, MA 02543-1052

IN SUPPORT OF INVESTIGATING HOW CERTAIN MOLECULES

THAT MICROBES USE TO COMMUNICATE WITH ONE ANOTHER
 INFLUENCE MICROBIAL INTERACTIONS AND NUTRIENT
 CYCLING IN THE NORTH ATLANTIC OCEAN. THE EFFORT
 FOCUSES ON HOW 'SIGNALING' MOLECULES INFLUENCE
 THE DYNAMICS OF LABORATORY CULTURES AND NATURAL
 BLOOMS OF MICROEUKARYOTIC PHYTOPLANKTON (DIATOMS
 AND COCCOLITHOPHORES) IN THE OCEAN.

WOODS HOLE OCEANOGRAPHIC INSTITUTION
 266 WOODS HOLE ROAD
 WOODS HOLE, MA 02543-1052

IN SUPPORT OF DEVELOPING NEW PROTOCOLS TO DETECT

THE PRODUCTS OF MICROBIAL METABOLISM IN SEAWATER
 TO UNDERSTAND THE INFLUENCE OF MARINE MICROBIAL
 COMMUNITIES AND THEIR ACTIVITIES ON THE CHEMICAL
 COMPOSITION OF THEIR SURROUNDINGS

WORLD OCEAN COUNCIL
 3035 HIBISCUS DRIVE
 HONOLULU, HI 96815

NONE
 501(C)(3) 509(A)(1)

TO HELP ENSURE THERE IS INFORMED, CONSTRUCTIVE
 ENGAGEMENT OF THE BUSINESS COMMUNITY IN U.S.
 OCEAN POLICY AND PLANNING.

WORLD WILDLIFE FUND CANADA
 #1588-409 GRANVILLE ST V6C 1T2
 VANCOUVER
 CANADA

WORLD WILDLIFE FUND, INC.
 1250 24TH STREET, N.W. P.O. BOX 97180
 WASHINGTON, DC 20090-7180

TO ADVANCE CONDITIONS AND RELATIONSHIPS THAT
 FACILITATES HEALTHY OCEANS AND THE USE OF MARINE
 SPATIAL PLANNING IN CANADA

WORLD WILDLIFE FUND, INC.
 1250 24TH STREET, N.W. P.O. BOX 97180
 WASHINGTON, DC 20090-7180

IN SUPPORT OF CONSERVATION OF WILD SALMON AND
 WILD SALMON HABITAT IN KAMCHATKA, RUSSIA

1,305,735.

WORLD WILDLIFE FUND, INC.
 1250 24TH STREET, N.W. P.O. BOX 97180
 WASHINGTON, DC 20090-7180

IN SUPPORT THE LAUNCH OF THE ECONOMICS OF
 ECOSYSTEMS AND BIODIVERSITY (TEEB) FOR BUSINESS
 EFFORT TO CREATE A COMMON PLATFORM THAT RECOGNIZES
 THE FULL IMPACT OF BUSINESS ACTIONS ON ECOSYSTEMS
 AND BIODIVERSITY, INCLUDING STANDARDIZING

295,000

<u>RECIPIENT NAME AND ADDRESS</u>	<u>RELATIONSHIP TO SUBSTANTIAL CONTRIBUTOR AND FOUNDATION STATUS OF RECIPIENT</u>	<u>PURPOSE OF GRANT OR CONTRIBUTION</u>	<u>AMOUNT</u>
1250 24TH STREET, N W P O BOX 97180 BC	501(C) (3) 509(A) (1)	HOW TO MEASURE THESE IMPACTS AND ENGAGING THE PUBLIC ON RELATED POLICY REFORMS	
WORLD WILDLIFE FUND, INC 1250 24TH STREET, N W P O BOX 97180 BC	NONE 501(C) (3) 509(A) (1)	TO SECURE FUNDER AND GOVERNMENT COMMITMENTS IN SUPPORT OF THE FINANCIAL SUSTAINABILITY OF THE AMAZON REGION PROTECTED AREAS PROGRAM AND PROVIDE TECHNICAL SUPPORT TO BRAZILIAN PROTECTED AREA AGENCIES IN THE REFINEMENT OF MANAGEMENT EFFECTIVENESS INDICATORS.	401,312
WORLD WILDLIFE FUND, INC 1250 24TH STREET, N W P.O. BOX 97180 WASHINGTON, DC 20090-7180	NONE 501(C) (3) 509(A) (1)	TO COMPLETE IMPLEMENTATION OF PROTECTED AREA MANAGEMENT STRATEGIES, MONITORING, AND SUSTAINABLE FINANCE TOOLS IN EIGHT PROTECTED AREAS COVERING APPROXIMATELY 10.5 MILLION HECTARES IN THE AMAZON HEADWATERS REGION OF PERU, BOLIVIA AND BRAZIL. IMPACTS AND ENGAGING THE PUBLIC ON RELATED POLICY REFORMS.	2,990,918.
YALE UNIVERSITY SAGE HALL, 205 PROSPECT STREET NEW HAVEN, CT 06511	NONE 501(C) (3) 509(A) (1)	IN SUPPORT OF THE YALE E360 ONLINE MAGAZINE'S TARGETED COMMUNICATIONS ABOUT CRITICAL ENVIRONMENTAL CONSERVATION TOPICS.	199,961.
ZOOLOGICAL SOCIETY OF SAN DIEGO 15600 SAN PASQUAL VALLEY ROAD ESCONDIDO, CA 92027	NONE 501(C) (3) 509(A) (2)	BY PROVIDING START UP COSTS, THIS GRANT WILL SUPPORT THE REVITALIZATION AND CONSOLIDATION OF THE COCHA CASHU BIOLOGICAL STATION IN MANU NATIONAL PARK, UNDER AN APPROVED CONTRACT WITH THE GOVERNMENT OF PERU. FUNDING WILL BE USED TO UPGRADE INFRASTRUCTURE, ESTABLISH FULL TIME STAFF, AND DEVELOP AND IMPLEMENT MANAGEMENT AND FUND RAISING PLANS FOR THE STATION	97,890
			<u>192,318,565</u>
			TOTAL CONTRIBUTIONS APPROVED

FORM 990-PF, PART XVI-A - ANALYSIS OF OTHER REVENUE

ATTACHMENT 23

<u>DESCRIPTION</u>	<u>BUSINESS CODE</u>	<u>AMOUNT</u>	<u>EXCLUSION CODE</u>	<u>AMOUNT</u>	<u>RELATED OR EXEMPT FUNCTION INCOME</u>
INCOME (LOSS) FROM LIMITED PARTNERSHIPS	525990	-5,203,724.	32	160,923,073.	
TOTALS		<u><u>-5,203,724.</u></u>		<u><u>160,923,073.</u></u>	