CALAMOS STRATEGIC TOTAL RETURN FUND Form N-Q March 25, 2013

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED

MANAGEMENT INVESTMENT COMPANIES

INVESTMENT COMPANY ACT FILE NUMBER: 811-21484

Calamos Strategic Total Return

EXACT NAME OF REGISTRANT AS SPECIFIED IN CHARTER: Fund

ADDRESS OF PRINCIPAL EXECUTIVE OFFICES: 2020 Calamos Court, Naperville

Illinois 60563-2787

NAME AND ADDRESS OF AGENT FOR SERVICE: John P. Calamos, Sr., Chairman,

CEO and Co-CIO

Calamos Advisors LLC,

2020 Calamos Court,

Naperville, Illinois

60563-2787

REGISTRANT S TELEPHONE NUMBER, INCLUDING AREA CODE: (630) 245-7200

DATE OF FISCAL YEAR END: October 31, 2013

DATE OF REPORTING PERIOD: January 31, 2013

ITEM 1. SCHEDULE OF INVESTMENTS JANUARY 31, 2013 (UNAUDITED)

PRINCIPAL AMOUNT		VALUE
CORPORATE BON		
5,382,000	Consumer Discretionary (7.5%) American Axle & Manufacturing, Inc.µ	
3,302,000	6.625%, 10/15/22	\$ 5,614,099
15,166,000	DISH Network Corp.μ	
	5.875%, 07/15/22	16,303,450
3,229,000	Dufry Finance SCAμ* 5.500%, 10/15/20	3,380,359
	Goodyear Tire & Rubber Companyµ	
9,086,000 4,403,000	8.250%, 08/15/20	10,057,066
10,640,000	7.000%, 05/15/22 Icahn Enterprises, LPu	4,744,233
10,040,000	8.000%, 01/15/18	11,438,000
9,829,000	J.C. Penney Company, Inc.µ	11,150,000
	7.125%, 11/15/23	8,330,077
	Jaguar Land Rover, PLCµ*	
9,785,000	8.125%, 05/15/21	11,142,669
3,669,000	5.625%, 02/01/23^	3,790,536
2,202,000	7.750%, 05/15/18	2,418,071
4,892,000	Liberty Media Corp.μ 8.250%, 02/01/30	5,420,947
2,941,000	Limited Brands, Inc.µ	5,420,947
2,5 .1,000	5.625%, 02/15/22	3,185,471
	Meritage Homes Corp.µ	
4,256,000	7.000%, 04/01/22	4,708,200
2,446,000	7.150%, 04/15/20	2,718,118
4,780,000	MGM Resorts Internationalµ 7.500%, 06/01/16	5,255,012
12 720 000	Royal Caribbean Cruises, Ltd.μ	4.4.50.50
12,720,000 2,221,000	7.500%, 10/15/27 5.250%, 11/15/22	14,476,950 2,375,082
5,827,000	S.230%, 11/13/22 Ryland Group, Inc.μ	2,573,082
3,027,000	5.375%, 10/01/22	5,987,242
2,074,000	Sally Holdings, LLCμ	-,, -,
	5.750%, 06/01/22	2,212,699
3,914,000	Service Corp. Internationalµ	
	7.000%, 05/15/19	4,324,970
238,000	Wolverine World Wide, Inc.μ*	251 924
	6.125%, 10/15/20	251,834
		128,135,085
	Consumer Staples (2.0%)	
14,392,000	Post Holdings, Inc.µ 7.375%, 02/15/22	16,074,065
16,145,000	Smithfield Foods, Inc.µ	10,07 1,000
	6.625%, 08/15/22	17,920,950
		33,995,015
24.461.000	Energy (10.6%)	4.667.050
24,461,000	NOK	4,667,959

	Aker Solutions, ASA	
4,275,000	6.150%, 06/06/17 Atwood Oceanics, Inc.μ	
1,273,000	6.500%, 02/01/20	4,654,406
10,763,000	Berry Petroleum Companyμ 6.375%, 09/15/22	11,381,872
4,839,000	Bristow Group, Inc.µ 6.250%, 10/15/22	5,250,315
6,115,000	Calfrac Holdings, LPμ* 7.500%, 12/01/20	6,172,328
	Calumet Specialty Products, LPµ	
3,914,000 PRINCIPAL	9.625%, 08/01/20*	4,376,341
AMOUNT		VALUE
4,893,000	9.375%, 05/01/19	\$ 5,396,337
2.070.000	Carrizo Oil & Gas, Inc.µ	2 100 257
2,970,000 2,740,000	7.500%, 09/15/20^ 8.625%, 10/15/18	3,120,356 2,981,463
10,763,000	Cimarex Energy Companyu	2,761,403
,,,,,,,,,	5.875%, 05/01/22	11,617,313
6,947,000	Drill Rigs Holdings, Inc.µ*	
4 202 000	6.500%, 10/01/17	7,042,521
4,383,000	Frontier Oil Corp.μ 6.875%, 11/15/18	4,736,379
10,763,000	GulfMark Offshore, Inc.µ*	1,700,077
	6.375%, 03/15/22	11,173,339
7,828,000	Holly Energy Partners, LPμ* 6.500%, 03/01/20	8,366,175
1,086,000	HollyFrontier Corp.µ 9.875%, 06/15/17	1,173,559
4,697,000	Hornbeck Offshore Services, Inc.µ 5.875%, 04/01/20	4,955,335
12,720,000	Linn Energy, LLCμ* 6.250%, 11/01/19	12,743,850
	Oasis Petroleum, Inc.	12,7 15,050
4,858,000	6.500%, 11/01/21μ	5,204,132
1,468,000	6.875%, 01/15/23~	1,605,625
4,305,000	Parker Drilling Companyμ 9.125%, 04/01/18	4,687,069
2,935,000	Pioneer Drilling Companyµ 9.875%, 03/15/18	3,221,163
10,763,000	Samson Investment Companyµ* 9.750%, 02/15/20	11,516,410
6,360,000	SEACOR Holdings, Inc. 7.375%, 10/01/19	6,892,650
2 014 000	SESI, LLCµ	4 270 707
3,914,000 2,446,000	7.125%, 12/15/21 6.875%, 06/01/14	4,378,787 2,463,049
2,935,000	SM Energy Company	2,403,047
	6.500%, 11/15/21	3,158,794
6,360,000	Swift Energy Companyμ 8.875%, 01/15/20	6,960,225
2,642,000	Tesoro Logistics, LPμ* 5.875%, 10/01/20	2,767,495
3,268,000	Trinidad Drilling, Ltd.µ*	2,707,423
	7.875%, 01/15/19	3,488,590
12,377,000	W&T Offshore, Inc.μ 8.500%, 06/15/19	13,351,689
		179,505,526
	Financials (2.0%)	
4,990,000	AON Corp.μ	
	8.205%, 01/01/27	6,392,340
2,319,000	Legg Mason, Inc.µ* 6.000%, 05/21/19	2,547,155
10,763,000	Neuberger Berman Group LLCµ*	2,547,133
	5.875%, 03/15/22	11,570,225

	Nuveen Investments, Inc.*	
3,229,000	9.500%, 10/15/20	3,293,580
3,229,000	9.125%, 10/15/17	3,265,326
5,949,000	Omega Healthcare Investors, Inc.μ 5.875%, 03/15/24	6,365,430
		33,434,056
	Health Care (4.0%)	
13,698,000	Community Health Systems, Inc.μ [^] 7.125%, 07/15/20	14,896,575

PRINCIPAL AMOUNT		VALUE
5,382,000	Endo Pharmaceuticals Holdings, Inc.μ 7.000%, 07/15/19	\$ 5,839,470
1,712,000	Fresenius Medµ* 5.875%, 01/31/22	1,872,500
7,749,000	Hologic, Inc.μ* 6.250%, 08/01/20	8,296,273
	Valeant Pharmaceuticals International, Inc.μ*	
9,785,000	7.250%, 07/15/22	10,524,991
8,806,000 1,468,000	7.000%, 10/01/20 6.750%, 10/01/17	9,427,924 1,573,512
14,677,000	0.750%, 10/01/17 Warner Chilcott Company, LLCμ 7.750%, 09/15/18	15,942,891
		68,374,136
	Industrials (4.3%)	
10,763,000	Belden, Inc.µ* 5.500%, 09/01/22	11,153,159
4,971,000	Deluxe Corp.μ* 6.000%, 11/15/20	5,048,672
4,506,000	H&E Equipment Services, Inc.μ* 7.000%, 09/01/22	4,945,335
5,939,000	Mead Products, LLC/ Acco Brands Corp.μ* 6.750%, 04/30/20	6,328,747
10,763,000	Rexel, SAμ* 6.125%, 12/15/19 Terex Corp.μ	11,550,044
7,828,000	6.500%, 04/01/20	8,390,637
1,350,000	6.000%, 05/15/21	1,426,781
1,365,000	TransDigm Group, Inc.μ 7.750%, 12/15/18	1,520,269
	Triumph Group, Inc.	
6,086,000	8.625%, 07/15/18μ	6,782,086
1,976,000 11,252,000	8.000%, 11/15/17 United Rentals North America, Inc.µ	2,139,020
11,232,000	7.625%, 04/15/22	12,644,435
		71,929,185
	Information Technology (3.6%)	
	Amkor Technology, Inc.	
4,403,000	6.625%, 06/01/21μ	4,529,586
3,014,000	6.375%, 10/01/22~	3,046,024
2,935,000	7.375%, 05/01/18µ	3,111,100
9,917,000	Audatex North America, Inc.μ* 6.750%, 06/15/18	10,629,784
14,706,000	iGATE Corp.µ 9.000%, 05/01/16	16,213,365
6,360,000	Nuance Communications, Inc.µ* 5.375%, 08/15/20	6,586,575
2,195,000	Sanmina-SCI Corp.μ* 7.000%, 05/15/19	2,258,106
3,425,000	Seagate Technologyµ 6.875%, 05/01/20	3,765,359
3,723,000	0.013 /0, 0310 11 20	3,703,339

978,000		7.000%, 11/01/21	1,086,803
3,444,000		SunGard Data Systems, Inc.µ*	
6,849,000		6.625%, 11/01/19 ViaSat, Inc.	3,545,168
0,015,000		6.875%, 06/15/20	7,345,552
			62,117,422
PRINCIPAL AMOUNT			VALUE
12,231,000		Materials (2.9%) FMG Resourcesµ*	
12,231,000		8.250%, 11/01/19	\$ 13,247,702
5 292 000		Inmet Mining Corp.µ*	5 004 111
5,382,000 2,250,000		8.750%, 06/01/20 7.500%, 06/01/21	5,984,111 2,424,375
2,230,000		New Gold, Inc.µ*	2, 12 1,3 73
7,828,000		7.000%, 04/15/20	8,459,133
2,055,000		6.250%, 11/15/22	2,165,456
5,117,000		Sealed Air Corp.µ* 8.125%, 09/15/19	5,858,965
		Steel Dynamics, Inc.	3,636,903
2,762,000		6.125%, 08/15/19µ*	2,996,770
1,370,000		7.625%, 03/15/20~	1,536,969
1,223,000 5,605,000		6.375%, 08/15/22μ* Trinseo Op / Trinseo Finance, Inc.*	1,323,133
3,003,000		8.750%, 02/01/19	5,590,988
			49,587,602
		Telecommunication Services (0.9%)	
14,217,000		Qwest Communications International, Inc.μ 7.750%, 02/15/31	15,152,408
		1.13070, 02/13/31	13,132,400
		Utilities (2.1%)	
2,838,000		AES Corp.	
		7.375%, 07/01/21	3,176,786
15,655,000		AmeriGas Finance Corp.µ	17 110 070
		7.000%, 05/20/22 Calpine Corp.µ*	17,112,872
11,448,000		7.875%, 01/15/23^	12,685,815
2,404,000		7.500%, 02/15/21	2,618,858
			25 504 224
			35,594,331
		TOTAL CORPORATE BONDS	
		(Cost \$642,898,868)	677,824,766
~ ~			
CONVERTI	BLE BONDS (6.59	%) Consumer Discretionary (2.0%)	
2,275,000		Jarden Corp.µ*^	
_,,,,,,,		1.875%, 09/15/18	2,504,388
14,865,617		Liberty Media Corp. (Time Warner, Inc.)§	
6,200,000	EUR	3.153%, 03/30/23 Volkswagen International Finance, NV*	21,763,040
0,200,000	EUK	5.500%, 11/09/15	9,728,761
			33,996,189
		Eingneinia (2.16)	
20,020,000		Financials (2.1%) Affiliated Managers Group, Inc.μ	
20,020,000		3.950%, 08/15/38	23,765,141
		Ares Capital Corp.	
7,676,000		4.750%, 01/15/18μ*^	7,894,344
3,458,000		5.750%, 02/01/16	3,739,084

		35,398,569
	Health Care (0.1%)	
1,601,000	Hologic, Inc.µ^	
	2.000%, 12/15/37	1,988,538
	, , , , , , , , , , , , , , , , , , , ,	<i>y y</i>
	Industrials (0.7%)	
9,500,000	Trinity Industries, Inc.μ	
	3.875%, 06/01/36	11,254,460

PRINCIPAL AMOUNT		VALUE
	Information Technology (1.6%)	
9,900,000	Linear Technology Corp.µ	\$10,506,821
	3.000%, 05/01/27	
15,000,000	Nuance Communications, Inc.µ	
	2.750%, 11/01/31	16,826,700
		27,333,521
	TOTAL CONVERTIBLE BONDS	
	(G , , \$00, 222, 000)	100.071.277
	(Cost \$98,333,889)	109,971,277
U.S. GOVERNMENT AND A	GENCY	
SECURITY (0.9%)		
14,677,000	United States Treasury Noteµ^~	
	1.375%, 02/15/13	14 694 452
	(Cost \$14,683,508)	14,684,453
COVEDEICN DOND (1.26)		
SOVEREIGN BOND (1.3%) 4,367,100 BRL	Federative Republic of Brazil	
4,507,100 BKL	redefative republic of Brazil	
	10.000%, 01/01/14	
	(Cost \$23,738,476)	22,612,887
SYNTHETIC CONVERTIBI	E SECUDITIES (1.16)	
Corporate Bonds (0.9%)	LE SECURITIES (1.1%)	
Corporate Bonas (0.5%)	Consumer Discretionary (0.2%)	
118,000	American Axle & Manufacturing, Inc.µ	
22.1.000	6.625%, 10/15/22	123,089
334,000	DISH Network Corp.μ	
	5.875%, 07/15/22	359,050
71,000	Dufry Finance SCAμ*	339,030
. ,		
	5.500%, 10/15/20	74,328
	Goodyear Tire & Rubber Companyµ	
200,000	8.250%, 08/15/20	221,375
97,000 234,000	7.000%, 05/15/22 Icahn Enterprises, LPµ	104,518
254,000	team Emerprises, Eff	
	8.000%, 01/15/18	251,550
216,000	J.C. Penney Company, Inc.μ	
	7.125%, 11/15/23	183,060

		Jaguar Land Rover, PLCµ*	
215,000		3.125%, 05/15/21	244,831
81,000	4	5.625%, 02/01/23^	83,683
48,000	7	7.750%, 05/15/18	52,710
108,000	I	Liberty Media Corp.µ	
		2.2506/ .02/01/20	110 (77
£ 000		3.250%, 02/01/30	119,677
65,000	ı	Limited Brands, Inc.µ	
	4	5.625%, 02/15/22	70,403
		Meritage Homes Corp.µ	, ,
94,000		7.000%, 04/01/22	103,988
54,000		7.150%, 04/15/20	60,008
105,000		MGM Resorts Internationalµ	00,000
105,000	1	violvi resorts international	
		7.500%, 06/01/16	115,434
		Royal Caribbean Cruises, Ltd.µ	
280,000		7.500%, 10/15/27	318,675
49,000	5	5.250%, 11/15/22	52,399
128,000	I	Ryland Group, Inc.µ	
	4	5.375%, 10/01/22	131,520
46,000		Sally Holdings, LLCµ	131,320
40,000	,	sany noidings, LLCµ	
		5.750%, 06/01/22	49,076
86,000	9	Service Corp. Internationalµ	
	,	7.000%, 05/15/19	95,030
PRINCIPAL	•	.000 /0, 03/13/19	93,030
AMOUNT			VALUE
AMOUNT			VALUE
5,000		W-looding World Wide Incom	
5,000		Wolverine World Wide, Inc.µ*	
		6.125%, 10/15/20	\$ 5,291
			2 210 605
			2,819,695
			2,819,695
		Consumer Staples (0.0%)	2,819,695
317,000		Consumer Staples (0.0%) Post Holdings, Inc.μ	2,819,695
317,000			2,819,695
317,000		Post Holdings, Inc.µ	
		Post Holdings, Inc.µ 7.375%, 02/15/22	2,819,695 354,049
317,000 355,000		Post Holdings, Inc.µ	
		Post Holdings, Inc.µ 7.375%, 02/15/22 Smithfield Foods, Inc.µ	354,049
		Post Holdings, Inc.µ 7.375%, 02/15/22	
		Post Holdings, Inc.µ 7.375%, 02/15/22 Smithfield Foods, Inc.µ	354,049
		Post Holdings, Inc.µ 7.375%, 02/15/22 Smithfield Foods, Inc.µ	354,049
		Post Holdings, Inc.µ 7.375%, 02/15/22 Smithfield Foods, Inc.µ	354,049 394,050
		Post Holdings, Inc.µ 7.375%, 02/15/22 Smithfield Foods, Inc.µ 6.625%, 08/15/22	354,049 394,050
355,000		Post Holdings, Inc.µ 7.375%, 02/15/22 Smithfield Foods, Inc.µ 6.625%, 08/15/22 Energy (0.2%)	354,049 394,050
	NOK	Post Holdings, Inc.µ 7.375%, 02/15/22 Smithfield Foods, Inc.µ 6.625%, 08/15/22	354,049 394,050
355,000	NOK	Post Holdings, Inc.µ 7.375%, 02/15/22 Smithfield Foods, Inc.µ 6.625%, 08/15/22 Energy (0.2%)	354,049 394,050
355,000	NOK	Post Holdings, Inc.µ 7.375%, 02/15/22 Smithfield Foods, Inc.µ 6.625%, 08/15/22 Energy (0.2%) Aker Solutions, ASA	354,049 394,050 748,099
355,000	NOK	Post Holdings, Inc.µ 7.375%, 02/15/22 Smithfield Foods, Inc.µ 6.625%, 08/15/22 Energy (0.2%) Aker Solutions, ASA 6.150%, 06/06/17	354,049 394,050
355,000 539,000	NOK	Post Holdings, Inc.µ 7.375%, 02/15/22 Smithfield Foods, Inc.µ 6.625%, 08/15/22 Energy (0.2%) Aker Solutions, ASA	354,049 394,050 748,099
355,000 539,000	NOK	Post Holdings, Inc.µ 7.375%, 02/15/22 Smithfield Foods, Inc.µ 6.625%, 08/15/22 Energy (0.2%) Aker Solutions, ASA 6.150%, 06/06/17 Atwood Oceanics, Inc.µ	354,049 394,050 748,099
355,000 539,000 94,000	NOK	Post Holdings, Inc.μ 7.375%, 02/15/22 Smithfield Foods, Inc.μ 6.625%, 08/15/22 Energy (0.2%) Aker Solutions, ASA 6.150%, 06/06/17 Atwood Oceanics, Inc.μ 6.500%, 02/01/20	354,049 394,050 748,099
355,000 539,000	NOK	Post Holdings, Inc.µ 7.375%, 02/15/22 Smithfield Foods, Inc.µ 6.625%, 08/15/22 Energy (0.2%) Aker Solutions, ASA 6.150%, 06/06/17 Atwood Oceanics, Inc.µ	354,049 394,050 748,099
355,000 539,000 94,000	NOK	Post Holdings, Inc.μ 7.375%, 02/15/22 Smithfield Foods, Inc.μ 6.625%, 08/15/22 Energy (0.2%) Aker Solutions, ASA 6.150%, 06/06/17 Atwood Oceanics, Inc.μ 6.500%, 02/01/20	354,049 394,050 748,099
355,000 539,000 94,000	NOK	Post Holdings, Inc.µ 7.375%, 02/15/22 Smithfield Foods, Inc.µ 6.625%, 08/15/22 Energy (0.2%) Aker Solutions, ASA 6.150%, 06/06/17 Atwood Oceanics, Inc.µ 6.500%, 02/01/20 Berry Petroleum Companyµ 6.375%, 09/15/22	354,049 394,050 748,099
355,000 539,000 94,000	NOK	Post Holdings, Inc.µ 7.375%, 02/15/22 Smithfield Foods, Inc.µ 6.625%, 08/15/22 Energy (0.2%) Aker Solutions, ASA 6.150%, 06/06/17 Atwood Oceanics, Inc.µ 6.500%, 02/01/20 Berry Petroleum Companyµ	354,049 394,050 748,099 102,859
355,000 539,000 94,000 237,000	NOK	Post Holdings, Inc.µ 7.375%, 02/15/22 Smithfield Foods, Inc.µ 6.625%, 08/15/22 Energy (0.2%) Aker Solutions, ASA 6.150%, 06/06/17 Atwood Oceanics, Inc.µ 6.500%, 02/01/20 Berry Petroleum Companyµ 6.375%, 09/15/22	354,049 394,050 748,099 102,859
355,000 539,000 94,000 237,000	NOK	Post Holdings, Inc.µ 7.375%, 02/15/22 Smithfield Foods, Inc.µ 6.625%, 08/15/22 Energy (0.2%) Aker Solutions, ASA 6.150%, 06/06/17 Atwood Oceanics, Inc.µ 6.500%, 02/01/20 Berry Petroleum Companyµ 6.375%, 09/15/22 Bristow Group, Inc.µ	354,049 394,050 748,099 102,859 102,342 250,627
355,000 539,000 94,000 237,000	NOK	Post Holdings, Inc.µ 7.375%, 02/15/22 Smithfield Foods, Inc.µ 6.625%, 08/15/22 Energy (0.2%) Aker Solutions, ASA 6.150%, 06/06/17 Atwood Oceanics, Inc.µ 6.500%, 02/01/20 Berry Petroleum Companyµ 6.375%, 09/15/22 Bristow Group, Inc.µ 6.250%, 10/15/22	354,049 394,050 748,099 102,859
355,000 539,000 94,000 237,000	NOK	Post Holdings, Inc.µ 7.375%, 02/15/22 Smithfield Foods, Inc.µ 6.625%, 08/15/22 Energy (0.2%) Aker Solutions, ASA 6.150%, 06/06/17 Atwood Oceanics, Inc.µ 6.500%, 02/01/20 Berry Petroleum Companyµ 6.375%, 09/15/22 Bristow Group, Inc.µ	354,049 394,050 748,099 102,859 102,342 250,627
355,000 539,000 94,000 237,000	NOK	Post Holdings, Inc.µ 7.375%, 02/15/22 Smithfield Foods, Inc.µ 6.625%, 08/15/22 Energy (0.2%) Aker Solutions, ASA 6.150%, 06/06/17 Atwood Oceanics, Inc.µ 6.500%, 02/01/20 Berry Petroleum Companyµ 6.375%, 09/15/22 Bristow Group, Inc.µ 6.250%, 10/15/22 Calfrac Holdings, LPµ*	354,049 394,050 748,099 102,859 102,342 250,627 116,095
355,000 539,000 94,000 237,000	NOK	Post Holdings, Inc.µ 7.375%, 02/15/22 Smithfield Foods, Inc.µ 6.625%, 08/15/22 Energy (0.2%) Aker Solutions, ASA 6.150%, 06/06/17 Atwood Oceanics, Inc.µ 6.500%, 02/01/20 Berry Petroleum Companyµ 6.375%, 09/15/22 Bristow Group, Inc.µ 6.250%, 10/15/22	354,049 394,050 748,099 102,859 102,342 250,627

86,000	Calumet Specialty Products, LPµ	96.159
107,000	9.625%, 08/01/20* 9.375%, 05/01/19	118,008
107,000	Carrizo Oil & Gas, Inc.µ	118,008
65,000	7.500%, 09/15/20^	68,291
60,000	8.625%, 10/15/18	65,287
237,000	Cimarex Energy Companyµ	35,207
,	2 1 11.	
	5.875%, 05/01/22	255,812
153,000	Drill Rigs Holdings, Inc.µ*	255,612
133,000	Dim rago fromingo, me.u	
	(5000/ 10/01/17	155,104
97,000	6.500%, 10/01/17 Frontier Oil Corp.μ	133,104
77,000	r folition on corp.μ	
	(0750) 11/15/10	104 001
227,000	6.875%, 11/15/18	104,821
237,000	GulfMark Offshore, Inc.μ*	
172 000	6.375%, 03/15/22	246,036
172,000	Holly Energy Partners, LPµ*	
	6.500%, 03/01/20	183,825
24,000	HollyFrontier Corp.μ	
	9.875%, 06/15/17	25,935
103,000	Hornbeck Offshore Services, Inc.μ	
200.000	5.875%, 04/01/20	108,665
280,000	Linn Energy, LLCμ*	
	6.250%, 11/01/19	280,525
107.000	Oasis Petroleum, Inc.	114 604
107,000	6.500%, 11/01/21µ	114,624
32,000 95,000	6.875%, 01/15/23~ Parker Drilling Companyμ	35,000
75,000	raiker Drinning Companyp	
	0.105% 0.101/10	102.421
65,000	9.125%, 04/01/18 Pioneer Drilling Companyµ	103,431
05,000	Floneer Dinning Companyµ	
	0.055% 00.4540	51.005
227,000	9.875%, 03/15/18	71,337
237,000	Samson Investment Companyµ*	
1.40.000	9.750%, 02/15/20	253,590
140,000	SEACOR Holdings, Inc.	
	7.375%, 10/01/19	151,725
86.000	SESI, LLCµ	06.212
54,000	7.125%, 12/15/21 6.875%, 06/01/14	96,212 54,376
65,000	SM Energy Company	54,570
05,000	on Energy company	
	6.500%, 11/15/21	69,956
140,000	Swift Energy Companyμ	09,930
140,000	Switt Energy Companyµ	
	0.0750(.01/15/00	152.212
59,000	8.875%, 01/15/20	153,212
58,000	Tesoro Logistics, LPµ*	
	5 0550 40 04 00	
72.000	5.875%, 10/01/20	60,755
72,000	Trinidad Drilling, Ltd.μ*	
	7.875%, 01/15/19	76,860

PRINCIPAL AMOUNT		VALUE
273,000	W&T Offshore, Inc.μ 8.500%, 06/15/19	\$ 294,499
		3,952,234
	Financials (0.0%)	
110,000	AON Corp.μ 8.205%, 01/01/27	140,913
51,000	Legg Mason, Inc.μ* 6.000%, 05/21/19	56,018
237,000	Neuberger Berman Group LLCμ* 5.875%, 03/15/22	254,775
	Nuveen Investments, Inc.*	
71,000	9.500%, 10/15/20	72,420
71,000	9.125%, 10/15/17	71,799
131,000	Omega Healthcare Investors, Inc.μ 5.875%, 03/15/24	140,170
		736,095
	V 11 G (0.10)	
202.000	Health Care (0.1%)	
302,000	Community Health Systems, Inc.μ [^] 7.125%, 07/15/20	328,425
118,000	Endo Pharmaceuticals Holdings, Inc.μ 7.000%, 07/15/19	128,030
38,000	Fresenius Medµ* 5.875%, 01/31/22	41,563
171,000	Hologic, Inc.μ* 6.250%, 08/01/20	183,077
	Valeant Pharmaceuticals International, Inc.μ*	
215,000	7.250%, 07/15/22	231,259
194,000	7.000%, 10/01/20	207,701
32,000	6.750%, 10/01/17	34,300
323,000	Warner Chilcott Company, LLCµ 7.750%, 09/15/18	350,859
		1,505,214
	Industrials (0.1%)	
237,000	Belden, Inc.µ* 5.500%, 09/01/22	245,591
109,000	Deluxe Corp.μ* 6.000%, 11/15/20	110,703
99,000	H&E Equipment Services, Inc.μ* 7.000%, 09/01/22	108,653
131,000	Mead Products, LLC/ Acco Brands Corp.μ* 6.750%, 04/30/20	139,597
237,000	Rexel, SAµ* 6.125%, 12/15/19	254,331
	Terex Corp.µ	254,551
172,000	6.500%, 04/01/20	184,362
30,000	6.000%, 05/15/21	31,706
30,000		33,413

	TransDigm Group, Inc.μ	
	7.750%, 12/15/18	
	Triumph Group, Inc.	
134,000	8.625%, 07/15/18μ	149,326
44,000	8.000%, 11/15/17	47,630
248,000	United Rentals North America, Inc.µ	
	7.625%, 04/15/22	278,690
		1,584,002
PRINCIPAL AMOUNT		VALUE
	Information Technology (0.1%)	
	Amkor Technology, Inc.	
97,000	6.625%, 06/01/21µ	\$ 99,789
66,000	6.375%, 10/01/22~	66,701
65,000	7.375%, 05/01/18µ	68,900
218,000	Audatex North America, Inc.µ*	,
	6.750%, 06/15/18	233,669
324,000	iGATE Corp.µ	233,007
321,000	9.000%, 05/01/16	357,210
140,000	Nuance Communications, Inc.µ*	337,210
140,000	5.375%, 08/15/20	144,987
48,000		144,967
48,000	Sanmina-SCI Corp.µ*	40.290
	7.000%, 05/15/19	49,380
75.000	Seagate Technologyµ	02.452
75,000	6.875%, 05/01/20	82,453
22,000	7.000%, 11/01/21	24,448
76,000	SunGard Data Systems, Inc.µ* 6.625%, 11/01/19	78,233
151,000	ViaSat, Inc. 6.875%, 06/15/20	161,947
		1,367,717
	Materials (0.1%)	
269,000	FMG Resourcesµ*	
•	8.250%, 11/01/19	291,361
	Inmet Mining Corp.µ*	· ·
118,000	8.750%, 06/01/20	131,201
50,000	7.500%, 06/01/21	53,875
20,000	New Gold, Inc.µ*	22,072
172,000	7.000%, 04/15/20	185,867
45,000	6.250%, 11/15/22	47,419
113,000	Sealed Air Corp.µ*	47,419
113,000		120 295
	8.125%, 09/15/19 Steel Dynamics, Inc.	129,385
61,000	Steel Dynamics, Inc.	66 105
61,000	6.125%, 08/15/19µ*	66,185
30,000	7.625%, 03/15/20~	33,656
27,000	6.375%, 08/15/22µ*	29,211
123,000	Trinseo Op / Trinseo Finance, Inc.* 8.750%, 02/01/19	122,692
		1,090.852
		1,070,032
	Telecommunication Services (0.0%)	
313,000	Qwest Communications International, Inc.µ 7.750%, 02/15/31	333,594
	Utilities (0.1%)	
62,000		
02,000	AES Corp.	69,401
245 000	7.375%, 07/01/21	09,401
345,000	AmeriGas Finance Corp.μ	277 120
	7.000%, 05/20/22	377,128
252,000	Calpine Corp. µ*	270.210
252,000	7.875%, 01/15/23^	279,248

53,000		7.500%, 02/15/21	57,737
			783,514
		TOTAL CORPORATE BONDS	14,921,016
U.S. Governmen	t and Agency Sec	curity (0.0%)	
323,000		United States Treasury Noteµ^~	
		1.375%, 02/15/13	323,164
Sovereign Bond	(0.0%)		
96,000	BRL	Federative Republic of Brazil 10.000%, 01/01/14	497,089

NUMBER OF CONTRACTS		VALUE
Purchased Options (0.2%)#		
	Information Technology (0.2%)	
855	Salesforce.com, Inc.	
	Call, 01/18/14, Strike \$155.00	\$ 2,778,750
	TOTAL SYNTHETIC CONVERTIBLE SECURITIES	
	(Cost \$17,226,704)	18,520,019
NUMBER OF		****
SHARES		VALUE
CONVERTIBLE PREFERRED STO	Consumer Discretionary (0.2%)	
100,000	General Motors Companyµ^	
100,000	4.750%	4,332,000
		,,
	Consumer Staples (0.7%)	
111,900	Bunge, Ltd.	
	4.875%	12,169,125
	Energy (3.7%)	
560,000	Apache Corp.µ	
	6.000%	26,504,800
35,112	Chesapeake Energy Corp.* 5.750%	35,811,951
	3.130%	33,811,931
		62 216 751
		62,316,751
	Eingereinle (0.90%)	
40,000	Financials (0.8%) Fifth Third Bancorpµ	
40,000	8.500%	5,808,800
165,000	MetLife, Inc. μ	.,,
	5.000%	8,050,350
		13,859,150
	Industrials (1.7%)	
495,000	United Technologies Corp.µ^	
	7.500%	28,185,300
200 000	Utilities (0.6%)	
200,000	NextEra Energy, Inc. 5.599%	10,420,000
	5.577 10	10,420,000
	TOTAL CONVERTIBLE PREFERRED STOCKS	
	(Cost \$140,797,344)	131,282,326
	(0000 4. 10,171,011)	131,202,320
COMMON STOCKS (76.6%)		
COMMON STOCKS (70.0%)	Consumer Discretionary (5.3%)	
45,000	Amazon.com, Inc.µ^#	11,947,500
400,000	Carnival Corp.µ	15,488,000
89,912	General Motors Companyµ#	2,525,628

180,000		Las Vegas Sands Corp.	9,945,00
123,000		McDonald s Corp.	11,720,67
22,573		Motors Liquidation Companyµ^#	527,08
239,000		Nike, Inc Class B	12,917,95
320,000		Starbucks Corp.	17,958,40
		1	
153,000		TJX Companies, Inc.	6,912,54
			89,942,76
MBER OF			
SHARES			VALUE
		Consumer Staples (6.2%)	
403,776		Archer-Daniels-Midland Companyµ	\$ 11,519,729
1,600,000		Coca-Cola Company	59,584,000
365,000		Companhia de Bebidas das Americas	17,176,900
165,000		Costco Wholesale Corp.	16,886,100
			105,166,729
		Energy (7.5%)	
800,000		BP, PLCµ	35,616,000
325,000		Chevron Corp.	37,423,750
60,000		Diamond Offshore Drilling, Inc.µ	4,505,400
185,000		EOG Resources, Inc.	23,121,300
165,000		Schlumberger, Ltd.	12,878,250
50,000	EUR	Technip, SA	5,413,962
150,000	EUR	TOTAL, SA	8,128,850
			127,087,512
			127,007,312
42,000		Financials (7.6%) American International Group, Inc.µ#	1,588,860
500,000		Bank of America Corp.μ	5,660,000
400,000		Blackstone Group, LP	7,400,000
172,745		Citigroup, Inc.µ	7,282,929
120,000		Franklin Resources, Inc.	16,425,600
99,790		Goldman Sachs Group, Inc.	14,754,950
985,000		JPMorgan Chase & Company	46,344,250
158,074		Lincoln National Corp.µ	4,580,985
116,457		MetLife, Inc.μ	4,348,504
185,000		T. Rowe Price Group, Inc.μ [^]	13,218,250
231,676		Wells Fargo & Companyµ	8,069,275
			129,673,603
		Health Care (11.8%)	
300,000		Eli Lilly and Companyµ	16,107,000
400,000		Johnson & Johnsonu	29,568,000
1,480,000		Merck & Company, Inc.µ	64,010,000
3,300,000		Pfizer, Inc.µ^	90,024,000
			199,709,000
		Industrial (0.10)	
245,000		Industrials (9.1%) Caterpillar, Inc.µ^	24,105,550
440,000		Eaton Corp.µ	25,058,000
200,000		Fluor Corp.µ^	12,966,000
3,135,000		General Electric Companyμ^	69,847,800
450,000	DI IS	Masco Corp.µ	8,275,500
135,000	EUR	Siemens, AG	14,791,080
			155,043,930
		Information Technology (21.5%)	155,0 15,72

340,000	Accenture, PLC - Class A	24,442,600
105,000	Apple, Inc.	47,807,550
1,550,000	Applied Materials, Inc.µ	20,010,500
425,000	CA, Inc.µ	10,548,500
575,000	Cisco Systems, Inc.µ	11,827,750
80,000	Cognizant Technology Solutions Corp Class A#	6,254,400
415,000	eBay, Inc.µ#	23,210,950
430,000	EMC Corp.µ#	10,582,300
1,425,000	Microsoft Corp.	39,144,750
300,000	Nintendo Company, Ltd.µ	3,665,340
2,200,000	Nokia Corp.μ	8,624,000
660,000	Oracle Corp.	23,436,600

NUMBER OF SHARES			VALUE
875,000		QUALCOMM, Inc.	\$ 57,776,250
9,000	KRW	Samsung Electronics Company, Ltd.	11,973,906
630,000		SAP, AGμ^	51,672,600
4,200,000	TWD	Taiwan Semiconductor Manufacturing Company, Ltd.	14,392,242
			365,370,238
		Materials (3.2%)	
400,000		Dow Chemical Companyµ	12,880,000
300,000		Goldcorp, Inc.μ	10,587,000
190,000		Mosaic Companyµ^	11,637,500
175,000	AUD	Newmont Mining Corp.µ	7,518,000
210,000		Rio Tinto, PLCµ	11,858,700
			54,481,200
1 225 000		Telecommunication Services (4.4%)	40 (17 750
1,225,000	TI ID	AT&T, Inc.μ	42,617,750
450,000	EUR	France Telecom, SAµ	5,110,565
639,000		Verizon Communications, Inc.μ	27,866,790
			75,595,105
		TOTAL COMMON STOCKS (Cost \$1,454,835,736)	1,302,070,085
WARRANTS (0	.1%)#		
		Consumer Discretionary (0.1%)	
81,739		General Motors Company 07/10/16, Strike \$10.00	1,539,962
81,739		General Motors Company	,,-
7,11		07/10/19, Strike \$18.33	997,216
		TOTAL WARRANTS (Cost \$12,672,791)	2,537,178
SHORT TERM	INVESTMEN	NT (3.1%)	
52,136,452		Fidelity Prime Money Market Fund -Institutional Class (Cost \$52,136,452)	52,136,452

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TOTAL INVESTMENTS (137.2%)	
(Cost \$2,457,323,768)	\$ 2,331,639,443
LIABILITIES, LESS OTHER ASSETS (-37.2%)	(632,416,631)

NET ASSETS (100.0%) \$ 1,699,222,812

NOTES TO SCHEDULE OF INVESTMENTS

- μ Security, or portion of security, is held in a segregated account as collateral for notes payable aggregating a total value of \$1,297,551,684. \$272,411,824 of the collateral has been re-registered by the counterparty.
- * Securities issued and sold pursuant to a Rule 144A transaction are excepted from the registration requirement of the Securities Act of 1933, as amended. These securities may only be sold to qualified institutional buyers (QIBs), such as the fund. Any resale of these securities must generally be effected through a sale that is registered under the Act or otherwise exempted from such registration requirements. At January 31, 2013, the value of 144A securities that could not be exchanged to the registered form is \$227,663,184 or 13.4% of net assets applicable to common shareholders.
- ^ Security, or portion of security, is on loan.
 - Variable rate or step bond security. The rate shown is the rate in effect at January 31, 2013.
- Security, or portion of security, is segregated as collateral (or potential collateral for future transactions) for written options and swaps. The aggregate value of such securities is \$15,229,234.
- § Securities exchangeable or convertible into securities of one or more entities that are different than the issuer. Each entity is identified in the parenthetical.
- # Non-income producing security.

FOREIGN CURRENCY ABBREVIATIONS

AUD Australian Dollar
BRL Brazilian Real
EUR European Monetary Unit
KRW South Korean Won
NOK Norwegian Krone
TWD New Taiwanese Dollar

Note: Value for securities denominated in foreign currencies is shown in U.S. dollars. The principal amount for such securities is shown in the respective foreign currency. The date on options represents the expiration date of the option contract. The option contract may be exercised at any date on or before the date shown.

INTEREST RATE SWAPS

counterparty	Fixed Rate (Fund Pays)	Floating Rate (Fund Receives)	Termination Date	Notional Amount	Unrealized Appreciation/ (Depreciation)
BNP Paribas, SA	2.535% quarterly	3 month LIBOR	03/09/14	\$ 90,000,000	\$ (2,498,135)
BNP Paribas, SA	2.970% quarterly	3 month LIBOR	07/03/14	75,000,000	(2,962,725)
BNP Paribas, SA	3.355% quarterly	3 month LIBOR	06/09/14	60,000,000	(2,727,161)
BNP Paribas, SA	0.934% quarterly	3 month LIBOR	07/05/17	52,000,000	(182,348)
BNP Paribas, SA	1.009% quarterly	3 month LIBOR	06/12/17	47,000,000	(342,437)

\$ (8,712,806)

NOTE 1 ORGANIZATION AND SIGNIFICANT ACCOUNTING POLICIES (UNAUDITED)

Organization. Calamos Strategic Total Return Fund (the Fund) was organized as a Delaware statutory trust on December 31, 2003 and is registered under the Investment Company Act of 1940 (the 1940 Act) as a diversified, closed-end management investment company. The Fund commenced operations on March 26, 2004. The Fund s investment objective is to provide total return through a combination of capital appreciation and current income. Under normal circumstances, the Fund invests primarily in common and preferred stocks and income producing securities such as investment grade and below investment grade debt securities.

Fund Valuation. The valuation of the Fund s investments is in accordance with policies and procedures adopted by and under the ultimate supervision of the board of trustees.

Fund securities that are traded on U.S. securities exchanges, except option securities, are valued at the last current reported sales price at the time a Fund determines its net asset value (NAV). Securities traded in the over-the-counter market and quoted on The NASDAQ Stock Market are valued at the NASDAQ Official Closing Price, as determined by NASDAQ, or lacking a NASDAQ Official Closing Price, the last current reported sale price on NASDAQ at the time the Fund determines its NAV.

When a last sale or closing price is not available, equity securities, other than option securities, that are traded on a U.S. securities exchange and other equity securities traded in the over-the-counter market are valued at the mean between the most recent bid and asked quotations in accordance with guidelines adopted by the board of trustees. Each option security traded on a U.S. securities exchange is valued at the mid-point of the consolidated bid/ask quote for the option security, also in accordance with guidelines adopted by the board of trustees. Each over-the-counter option that is not traded through the Options Clearing Corporation is valued based on a quotation provided by the counterparty to such option under the ultimate supervision of the board of trustees.

Fixed income securities, certain convertible preferred securities, and non-exchange traded derivatives are normally valued by independent pricing services or by dealers or brokers who make markets in such securities. Valuations of such fixed income securities, certain convertible preferred securities, and non-exchange traded derivatives consider yield or price of equivalent securities of comparable quality, coupon rate, maturity, type of issue, trading characteristics and other market data and do not rely exclusively upon exchange or over-the-counter prices.

Trading on European and Far Eastern exchanges and over-the-counter markets is typically completed at various times before the close of business on each day on which the New York Stock Exchange (NYSE) is open. Each security trading on these exchanges or over-the-counter markets may be valued utilizing a systematic fair valuation model provided by an independent pricing service approved by the board of trustees. The valuation of each security that meets certain criteria in relation to the valuation model is systematically adjusted to reflect the impact of movement in the U.S. market after the foreign markets close. Securities that do not meet the criteria, or that are principally traded in other foreign markets, are valued as of the last reported sale price at the time the Fund determines its NAV, or when reliable market prices or quotations are not readily available, at the mean between the most recent bid and asked quotations as of the close of the appropriate exchange or other designated time. Trading of foreign securities may not take place on every NYSE business day. In addition, trading may take place in various foreign markets on Saturdays or on other days when the NYSE is not open and on which the Fund s NAV is not calculated.

If the pricing committee determines that the valuation of a security in accordance with the methods described above is not reflective of a fair value for such security, the security is valued at a fair value by the pricing committee, under the ultimate supervision of the board of trustees, following the guidelines and/or procedures adopted by the board of trustees.

The Fund also may use fair value pricing, pursuant to guidelines adopted by the board of trustees and under the ultimate supervision of the board of trustees, if trading in the security is halted or if the value of a security it holds is materially affected by events occurring before the Fund s pricing time but after the close of the primary market or exchange on which the security is listed. Those procedures may utilize valuations furnished by pricing services approved by the board of trustees, which may be based on market transactions for comparable securities and various relationships between securities that are generally recognized by institutional traders, a computerized matrix system, or appraisals derived from information concerning the securities or similar securities received from recognized dealers in those securities.

When fair value pricing of securities is employed, the prices of securities used by a Fund to calculate its NAV may differ from market quotations or official closing prices. In light of the judgment involved in fair valuations, there can be no assurance that a fair value assigned to a particular security is accurate.

Investment Transactions. Investment transactions are recorded on a trade date basis as of January 31, 2013.

Foreign Currency Translation. Values of investments and other assets and liabilities denominated in foreign currencies are translated into U.S. dollars using a rate quoted by a major bank or dealer in the particular currency market, as reported by a recognized quotation dissemination service.

Option Transactions. For hedging and investment purposes, the Fund may purchase or write (sell) put and call options. One of the risks associated with purchasing an option is that the Fund pays a premium whether or not the option is exercised. Additionally, the Fund bears the risk of loss of premium and change in value should the counterparty not perform under the contract.

The Fund as writer of an option bears the market risk of an unfavorable change in the price of the security underlying the written option.

Forward Foreign Currency Contracts. Each Fund may engage in portfolio hedging with respect to changes in currency exchange rates by entering into forward foreign currency contracts to purchase or sell currencies. A forward foreign currency contract is a commitment to purchase or sell a foreign currency at a future date at a negotiated forward rate. Risks associated with such contracts include, among other things, movement in the value of the foreign currency relative to the U.S. dollar and the ability of the counterparty to perform. The net unrealized gain, if any, represents the credit risk to the Fund on a forward foreign currency contract. The contracts are valued daily at forward foreign exchange rates. There were no open forward foreign currency contracts at January 31, 2013.

NOTE 2 INVESTMENTS

The following information is presented on a federal income tax basis as of January 31, 2013. Differences between the cost basis under U.S. generally accepted accounting principles and federal income tax purposes are primarily due to temporary differences.

The cost basis of investments for federal income tax purposes at January 31, 2013 was as follows:

Cost basis of investments	\$ 2,565,256,200
Gross unrealized appreciation	123,545,481
Gross unrealized depreciation	(357,162,238)
Net unrealized appreciation (depreciation)	\$ (233,616,757)

NOTE 3 BORROWINGS

The Fund, with the approval of its board of trustees, including its independent trustees, has entered into a financing package that includes a Committed Facility Agreement (the BNP Agreement) with BNP Paribas Prime Brokerage International Ltd. (BNP) that allows the Fund to borrow up to \$367.5 million, and a lending agreement (Lending Agreement), as defined below. In addition, the financing package also includes a Credit Agreement (the SSB Agreement, together with the BNP Agreement, Agreements) with State Street Bank and Trust Company (SSB) that allows the Fund to borrow up to an initial limit of \$367.5 million, and a related securities lending authorization agreement (Authorized Agreement). Borrowings under the BNP Agreement and the SSB Agreement are secured by assets of the Fund that are held with the Fund's custodian in a separate account (the Pledged Collateral). BNP and SSB share an equal claim on the Pledged Collateral, subject to any adjustment that may be agreed upon between the lenders. Interest on the BNP Agreement is charged at the three month LIBOR (London Inter-bank Offered Rate) plus .65% on the amount borrowed and .55% on the undrawn balance. Interest on the SSB Agreement is charged on the drawn amount at the rate of Overnight LIBOR plus .80% and .10% on the undrawn balance (if the undrawn amount is more than 75% of the borrowing limit, the commitment fee is .20%). For the period ended January 31, 2013, the average borrowings under the Agreements were \$578.4 million. For the period ended January 31, 2013, the average interest rate was 0.97%. As of January 31, 2013, the amount of outstanding borrowings was \$483.8 million. The interest rate applicable to the borrowings on January 31, 2013 was 0.95%.

The Lending Agreement with BNP is a separate side-agreement between the Fund and BNP pursuant to which BNP may borrow a portion of the pledged collateral (the Lent Securities) in an amount not to exceed the outstanding borrowings owed by the Fund to BNP under the BNP Agreement. The Lending Agreement is intended to permit the Fund to significantly reduce the cost of its borrowings under the BNP Agreement. BNP may re-register the Lent Securities in its own name or in another name other than the Fund, and may pledge, re-pledge, sell, lend or otherwise transfer or use the Lent Securities with all attendant rights of ownership. (It is the Fund s understanding that BNP will perform due diligence to determine the creditworthiness of any party that borrows Lent Securities from BNP.) The Fund may designate any security within the pledged collateral as ineligible to be a Lent Security, provided there are eligible securities within the pledged collateral in an amount equal to the outstanding borrowing owed by the Fund. During the period in which the Lent Securities are outstanding, BNP must remit payment to the Fund equal to the amount of all dividends, interest or other distributions earned or made by the Lent Securities.

Under the terms of the Lending Agreement with BNP, the Lent Securities are marked to market daily, and if the value of the Lent Securities exceeds the value of the then-outstanding borrowings owed by the Fund to BNP under the Agreement (the Current Borrowings), BNP must, on that day, either (1) return Lent Securities to the Fund's custodian in an amount sufficient to cause the value of the outstanding Lent Securities to equal the Current Borrowings; or (2) post cash collateral with the Fund's custodian equal to the difference between the value of the Lent Securities and the value of the Current Borrowings. If BNP fails to perform either of these actions as required, the Fund will recall securities, as discussed below, in an amount sufficient to cause the value of the outstanding Lent Securities to equal the Current Borrowings. The Fund can recall any of the Lent Securities and BNP shall, to the extent commercially possible, return such security or equivalent security to the Fund's custodian no later than three business days after such request. If the Fund recalls a Lent Security pursuant to the Lending Agreement, and BNP fails to return the Lent Securities or equivalent securities in a timely fashion, BNP shall remain liable to the Fund's custodian for the ultimate delivery of such Lent Securities, or equivalent securities, and for any buy-in costs that the executing broker for the sales transaction may impose with respect to the failure to deliver. The Fund shall also have the right to apply and set-off an amount equal to one hundred percent (100%) of the then-current fair market value of such Lent Securities against the Current Borrowings.

Under the terms of the Authorized Agreement with SSB, all securities lent through SSB must be secured continuously by collateral received in cash, cash equivalents, or U.S. Treasury bills and maintained on a current basis at an amount at least equal to the market value of the securities loaned. Cash collateral held by SSB on behalf of the Fund may be credited against the amounts borrowed under the SSB Agreement. Any amounts credited against the SSB Agreement would count against the Fund s leverage limitations under the 1940 Act, unless otherwise covered in accordance with SEC release IC-10666. Under the terms of the Authorized Agreement with SSB, SSB will return the value of the collateral to the borrower upon the return of the lent securities, which will eliminate the credit against the SSB Agreement and will cause the amount drawn under the SSB Agreement to increase in an amount equal to the returned collateral. Under the terms of the Authorized Agreement with SSB, the Fund will make a variable net income payment related to any collateral credited against the SSB Agreement which will be paid to the securities borrower, less any payments due to the Fund or SSB under the terms of the Authorized Agreement. As of January 31, 2013, the Fund used approximately \$122.2 million of its cash collateral to offset the SSB Agreement, representing 5.3% of managed assets, and was required to pay a net income payment equal to an annualized interest rate of 0.48%, which can fluctuate depending on interest rates.

NOTE 4 INTEREST RATE SWAPS

The Fund engages in interest rate swaps primarily to hedge the interest rate risk on the Fund s borrowings (see Note 3 Borrowings). An interest rate swap is a contract that involves the exchange of one type of interest rate for another type of interest rate. If interest rates rise, resulting in a diminution in the value of the Fund s portfolio, the Fund would receive payments under the swap that would offset, in whole or in part, such diminution in value; if interest rates fall, the Fund would likely lose money on the swap transaction. Swap agreements are stated at fair value. Notional principal amounts are used to express the extent of involvement in these transactions, but the amounts potentially subject to credit risk are much smaller. In connection with these contracts, securities may be identified as collateral in accordance with the terms of the respective swap contracts in the event of default or bankruptcy of the Fund.

NOTE 5 SYNTHETIC CONVERTIBLE SECURITIES

The Fund may establish a synthetic convertible instrument by combining separate securities that possess the economic characteristics similar to a convertible security, i.e., fixed-income securities (fixed-income component), which may be a convertible or non-convertible security and the right to acquire equity securities (convertible component). The fixed-income component is achieved by investing in fixed income securities such as bonds, preferred stocks, and money market instruments. The convertible component is achieved by investing in warrants or purchased options to buy common stock at a certain exercise price, or options on a stock index. In establishing a synthetic instrument, the Fund may pool a basket of fixed-income securities and a basket of warrants or purchased options that produce the economic characteristics similar to a convertible security. Within each basket of fixed-income securities and warrants or options, different companies may issue the fixed-income and convertible components, which may be purchased separately and at different times.

The Fund may also purchase synthetic securities created by other parties, typically investment banks, including convertible structured notes. Convertible structured notes are fixed-income debentures linked to equity. Convertible structured notes have the attributes of a convertible security; however, the investment bank that issued the convertible note assumes the credit risk associated with the investment, rather than the issuer of the underlying common stock into which the note is convertible. Purchasing synthetic convertible securities may offer more flexibility than purchasing a convertible security.

NOTE 6 FAIR VALUE MEASUREMENTS

Various inputs are used to determine the value of the Fund s investments. These inputs are categorized into three broad levels as follows:

Level 1 Prices are determined using inputs from unadjusted quoted prices from active markets (including securities actively traded on a securities exchange) for identical assets.

Level 2 Prices are determined using significant observable market inputs other than unadjusted quoted prices, including quoted prices of similar securities, fair value adjustments to quoted foreign securities, interest rates, credit risk, prepayment speeds, and other relevant data.

Level 3 Prices reflect unobservable market inputs (including the Funds own judgments about assumptions market participants would use in determining fair value) when observable inputs are unavailable.

Debt securities are valued based upon evaluated prices received from an independent pricing service or from a dealer or broker who makes markets in such securities. Pricing services utilize various observable market data and as such, debt securities are generally categorized as Level 2. The levels are not necessarily an indication of the risk or liquidity of the Fund investments. Transfers between the levels for investment securities or other financial instruments are measured at the end of the reporting period.

The following is a summary of the inputs used in valuing the Fund s holdings at fair value:

	Level 1	Level 2	Level 3	Total
Assets				
Corporate Bonds	\$	\$ 677,824,766	\$	\$ 677,824,766
Convertible Bonds		109,971,277		109,971,277
U.S. Government and Agency Security		14,684,453		14,684,453
Sovereign Bond		22,612,887		22,612,887
Synthetic Convertible Securities (Corporate Bonds)		14,921,016		14,921,016
Synthetic Convertible Securities (U.S. Government and				
Agency Security)		323,164		323,164
Synthetic Convertible Securities (Sovereign Bond)		497,089		497,089
Synthetic Convertible Securities (Purchased Options)	2,778,750			2,778,750
Convertible Preferred Stocks	72,881,250	58,401,076		131,282,326
Common Stocks	1,238,594,140	63,475,945		1,302,070,085
Warrants	2,537,178			2,537,178
Short Term Investments	52,136,452			52,136,452
Total	\$ 1,368,927,770	\$ 962,711,673	\$	\$ 2,331,639,443
Liabilities				
Interest Rate Swaps	\$	\$ 8,712,806	\$	\$ 8,712,806
Total	\$	\$ 8,712,806	\$	\$ 8,712,806

ITEM 2. CONTROLS AND PROCEDURES.

- a) The registrant s principal executive officer and principal financial officer have evaluated the registrant s disclosure controls and procedures within 90 days of this filing and have concluded that the registrant s disclosure controls and procedures were effective, as of that date, in ensuring that information required to be disclosed by the registrant in this Form N-Q was recorded, processed, summarized, and reported timely.
- b) There were no changes in the registrant s internal controls over financial reporting (as defined in Rule 30a-3(d) under the Investment Company Act of 1940) that occurred during the registrant s last fiscal quarter that has materially affected, or is reasonably likely to materially affect, the registrant s internal control over financial reporting.

ITEM 3. EXHIBITS.

- (a) Certification of Principal Executive Officer.
- (b) Certification of Principal Financial Officer.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Calamos Strategic Total Return Fund

By: /s/ John P. Calamos, Sr. Name: John P. Calamos, Sr. Title: Principal Executive Officer

Date: March 25, 2013

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

Calamos Strategic Total Return Fund

By: /s/ John P. Calamos, Sr. Name: John P. Calamos, Sr. Title: Principal Executive Officer

Date: March 25, 2013

By: /s/ Nimish S. Bhatt Name: Nimish S. Bhatt

Title: Principal Financial Officer

Date: March 25, 2013