

EATON VANCE SENIOR FLOATING RATE TRUST
Form N-CSRS
June 25, 2015

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

Form N-CSR

CERTIFIED SHAREHOLDER REPORT OF REGISTERED
MANAGEMENT INVESTMENT COMPANIES
Investment Company Act File Number: 811-21411

Eaton Vance Senior Floating-Rate Trust
(Exact Name of Registrant as Specified in Charter)

Two International Place, Boston, Massachusetts 02110
(Address of Principal Executive Offices)

Maureen A. Gemma

Two International Place, Boston, Massachusetts 02110

(Name and Address of Agent for Services)

(617) 482-8260

(Registrant's Telephone Number)

October 31

Date of Fiscal Year End

April 30, 2015

Date of Reporting Period

Item 1. Reports to Stockholders

Eaton Vance

Senior Floating-Rate Trust (EFR)

Semiannual Report

April 30, 2015

Commodity Futures Trading Commission Registration. Effective December 31, 2012, the Commodity Futures Trading Commission (CFTC) adopted certain regulatory changes that subject registered investment companies and advisers to regulation by the CFTC if a fund invests more than a prescribed level of its assets in certain CFTC-regulated instruments (including futures, certain options and swap agreements) or markets itself as providing investment exposure to such instruments. The Fund has claimed an exclusion from the definition of the term commodity pool operator under the Commodity Exchange Act. Accordingly, neither the Fund nor the adviser with respect to the operation of the Fund is subject to CFTC regulation. Because of its management of other strategies, the Fund's adviser is registered with the CFTC as a commodity pool operator and a commodity trading advisor.

Fund shares are not insured by the FDIC and are not deposits or other obligations of, or guaranteed by, any depository institution. Shares are subject to investment risks, including possible loss of principal invested.

Semiannual Report April 30, 2015

Eaton Vance

Senior Floating-Rate Trust

Table of Contents

Performance	2
Fund Profile	3
Endnotes and Additional Disclosures	4
Financial Statements	5
Board of Trustees Contract Approval	43
Officers and Trustees	46
Important Notices	47

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Performance^{1,2}

Portfolio Managers Scott H. Page, CFA, Craig P. Russ and Peter M. Campo, CFA

% Average Annual Total Returns	Inception Date	Six Months	One Year	Five Years	Ten Years
Fund at NAV	11/28/2003	3.23%	4.27%	7.40%	5.74%
Fund at Market Price		8.14	5.01	4.23	5.11
S&P/LSTA Leveraged Loan Index		2.28%	3.35%	4.94%	5.08%

% Premium/Discount to NAV³	3.98%
--	-------

Distributions⁴	
Total Distributions per share for the period	\$ 0.468
Distribution Rate at NAV	6.11%
Distribution Rate at Market Price	6.37%

% Total Leverage⁵	
Auction Preferred Shares (APS)	14.66%
Borrowings	22.33

See Endnotes and Additional Disclosures in this report.

Past performance is no guarantee of future results. Returns are historical and are calculated by determining the percentage change in net asset value (NAV) or market price (as applicable) with all distributions reinvested and includes management fees and other expenses. Fund performance at market price will differ from its results at NAV due to factors such as changing perceptions about the Fund, market conditions, fluctuations in supply and demand for Fund shares, or changes in Fund distributions. Investment return and principal value will fluctuate so that shares, when sold, may be worth more or less than their original cost. Performance less than one year is cumulative. Performance is for the stated time period only; due to market volatility, current Fund performance may be lower or higher than the quoted return. For performance as of the most recent month-end, please refer to eatonvance.com.

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Fund Profile

Top 10 Issuers (% of total investments)⁶

Valeant Pharmaceuticals International, Inc.	1.3%
Community Health Systems, Inc.	1.1
Asurion, LLC	1.1
First Data Corp.	1.0
Calpine Corp.	1.0
Virgin Media Investment Holdings Limited	0.9
Dell, Inc.	0.9
FMG Resources (August 2006) Pty. Ltd.	0.9
Ineos US Finance, LLC	0.9
Intelsat Jackson Holdings S.A.	0.9
Total	10.0%

Credit Quality (% of bonds, loans and asset-backed securities)⁷

Top 10 Sectors (% of total investments)⁶

Health Care	10.4%
Electronics/Electrical	8.1
Business Equipment and Services	7.6
Retailers (Except Food and Drug)	5.5

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

Chemicals and Plastics	5.3
Food Products	4.4
Oil and Gas	4.3
Lodging and Casinos	3.8
Financial Intermediaries	3.7
Automotive	3.3
Total	56.4%

See Endnotes and Additional Disclosures in this report.

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Endnotes and Additional Disclosures

- ¹ S&P/LSTA Leveraged Loan Index is an unmanaged index of the institutional leveraged loan market. Unless otherwise stated, index returns do not reflect the effect of any applicable sales charges, commissions, expenses, taxes or leverage, as applicable. It is not possible to invest directly in an index.
- ² Performance results reflect the effects of leverage. The Fund's performance for certain periods reflect the effects of expense reductions. Absent these reductions, performance would have been lower. Performance since inception for an index, if presented, is the performance since the Fund's or oldest share class' inception, as applicable.
- ³ The shares of the Fund often trade at a discount or premium from their net asset value. The discount or premium of the Fund may vary over time and may be higher or lower than what is quoted in this report. For up-to-date premium/discount information, please refer to <http://eatonvance.com/closedend>.
- ⁴ The Distribution Rate is based on the Fund's last regular distribution per share in the period (annualized) divided by the Fund's NAV or market price at the end of the period. The Fund's distributions may be comprised of amounts characterized for federal income tax purposes as tax-exempt income, qualified and non-qualified ordinary dividends, capital gains and nondividend distributions, also known as return of capital. As of 4/30/2015, distributions included estimates of return of capital. For additional information about nondividend distributions, please refer to Eaton Vance Closed-End Fund Distribution Notices (19a) posted on our website, eatonvance.com. The Fund will determine the federal income tax character of distributions paid to a shareholder after the end of the calendar year. This is reported on the IRS form 1099-DIV and provided to the shareholder shortly after each year-end. For information about the tax character of distributions made in prior calendar years, please refer to Performance-Tax Character of Distributions on the Fund's webpage available at eatonvance.com. The Fund's distributions are determined by the investment adviser based on its current assessment of the Fund's long-term return potential. As portfolio and market conditions change, the rate of distributions paid by the Fund could change.
- ⁵ Leverage represents the liquidation value of the Fund's APS and borrowings outstanding as a percentage of Fund net assets applicable to common shares plus APS and borrowings outstanding. Use of leverage creates an opportunity for income, but creates risks including greater price volatility. The cost of leverage rises and falls with changes in short-term interest rates. The Fund may be required to maintain prescribed asset coverage for its leverage and may be required to reduce its leverage at an inopportune time.
- ⁶ Excludes cash and cash equivalents.
- ⁷ Ratings are based on Moody's, S&P or Fitch, as applicable. If securities are rated differently by the ratings agencies, the higher rating is applied. Ratings, which are subject to change, apply to the creditworthiness of the issuers of the underlying securities and not to the Fund or its shares. Credit ratings measure the quality of a bond based on the issuer's creditworthiness, with ratings ranging from AAA, being the highest, to D, being the lowest based on S&P's measures. Ratings of BBB or higher by S&P or Fitch (Baa or higher by Moody's) are considered to be investment-grade quality. Credit ratings are based largely on the ratings agency's analysis at the time of rating. The rating assigned to any particular security is not necessarily a reflection of the issuer's current financial condition and does not necessarily reflect its assessment of the volatility of a security's market value or of the liquidity of an investment in the security. Holdings designated as Not Rated are not rated by the national ratings agencies stated above.

Fund profile subject to change due to active management.

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Portfolio of Investments (Unaudited)

Senior Floating-Rate Interests 140.3%

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Aerospace and Defense 2.1%		
BE Aerospace, Inc. Term Loan, 4.00%, Maturing December 16, 2021	1,022	\$ 1,035,090
DAE Aviation Holdings, Inc. Term Loan, 5.00%, Maturing November 2, 2018	615	618,887
Ducommun Incorporated Term Loan, 4.75%, Maturing June 28, 2017	638	640,276
IAP Worldwide Services, Inc. Revolving Loan, Maturing July 18, 2018 ⁽²⁾	311	311,232
Term Loan - Second Lien, 8.00%, Maturing July 18, 2019 ⁽³⁾	427	341,936
Silver II US Holdings, LLC Term Loan, 4.00%, Maturing December 13, 2019	1,808	1,764,171
Standard Aero Limited Term Loan, 5.00%, Maturing November 2, 2018	278	280,084
Transdigm, Inc. Term Loan, 3.75%, Maturing February 28, 2020	4,723	4,740,208
Term Loan, 3.75%, Maturing June 4, 2021	1,811	1,817,964
		\$ 11,549,848
Air Transport 0.4%		
Virgin America, Inc. Term Loan, 4.50%, Maturing April 4, 2019	2,350	\$ 2,149,075
		\$ 2,149,075
Automotive 5.1%		
Affinia Group Intermediate Holdings, Inc. Term Loan, 4.75%, Maturing April 27, 2020	1,213	\$ 1,215,577
Allison Transmission, Inc. Term Loan, 3.50%, Maturing August 23, 2019	2,799	2,820,539
Chrysler Group, LLC Term Loan, 3.50%, Maturing May 24, 2017	4,874	4,889,253
Term Loan, 3.25%, Maturing December 31, 2018	2,079	2,083,973
CS Intermediate Holdco 2, LLC Term Loan, 4.00%, Maturing April 4, 2021	645	649,157
Dayco Products, LLC Term Loan, 5.25%, Maturing December 12, 2019	990	994,950

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

Federal-Mogul Holdings Corporation			
Term Loan, 4.75%, Maturing April 15, 2021	3,896		3,895,076
Goodyear Tire & Rubber Company (The)			
Term Loan - Second Lien, 4.75%, Maturing April 30, 2019	5,542		5,610,937
INA Beteiligungsgesellschaft GmbH			
Term Loan, 4.25%, Maturing May 15, 2020	1,025		1,035,033
		Principal Amount*	
Borrower/Tranche Description	(000 s omitted)		Value
Automotive (continued)			
MPG Holdco I, Inc.			
Term Loan, 4.25%, Maturing October 20, 2021	2,629	\$	2,642,060
TI Group Automotive Systems, LLC			
Term Loan, 4.25%, Maturing July 2, 2021	844		846,261
Tower Automotive Holdings USA, LLC			
Term Loan, 4.00%, Maturing April 23, 2020	740		743,211
Visteon Corporation			
Term Loan, 3.50%, Maturing April 9, 2021	1,067		1,068,105
			\$ 28,494,132
Beverage and Tobacco 0.3%			
Flavors Holdings, Inc.			
Term Loan, 6.75%, Maturing April 3, 2020	780	\$	756,600
Term Loan - Second Lien, 11.00%, Maturing October 3, 2021	1,000		965,000
			\$ 1,721,600
Brokerage / Securities Dealers / Investment Houses 0.1%			
Astro AB Borrower, Inc.			
Term Loan, Maturing April 30, 2022 ⁽²⁾	325	\$	329,469
Term Loan - Second Lien, Maturing March 3, 2023 ⁽²⁾	275		276,719
			\$ 606,188
Building and Development 1.4%			
ABC Supply Co., Inc.			
Term Loan, 3.50%, Maturing April 16, 2020	1,256	\$	1,261,055
CPG International, Inc.			
Term Loan, 4.75%, Maturing September 30, 2020	616		612,932
Gates Global, Inc.			
Term Loan, 4.25%, Maturing July 5, 2021	1,493		1,495,831
Headwaters, Incorporated			
Term Loan, 4.50%, Maturing March 24, 2022	200		201,500
Quikrete Holdings, Inc.			
Term Loan, 4.00%, Maturing September 28, 2020	922		925,553
RE/MAX International, Inc.			
Term Loan, 4.25%, Maturing July 31, 2020	1,509		1,506,430
Realogy Corporation			
Term Loan, 3.75%, Maturing March 5, 2020	980		984,841
Summit Materials Companies I, LLC			
Term Loan, 5.00%, Maturing January 30, 2019	462		463,549
WireCo WorldGroup, Inc.			
Term Loan, 6.00%, Maturing February 15, 2017	576		577,615
			\$ 8,029,306

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Business Equipment and Services 11.9%		
Acosta Holdco, Inc.		
Term Loan, 4.25%, Maturing September 26, 2021	3,333	\$ 3,374,916
Altisource Solutions S.a.r.l.		
Term Loan, 4.50%, Maturing December 9, 2020	2,814	2,433,829
AVSC Holding Corp.		
Term Loan, 4.50%, Maturing January 24, 2021	421	422,854
BakerCorp International, Inc.		
Term Loan, 4.25%, Maturing February 14, 2020	995	967,965
Brickman Group Ltd., LLC		
Term Loan, 4.00%, Maturing December 18, 2020	815	817,645
Brock Holdings III, Inc.		
Term Loan, 6.00%, Maturing March 16, 2017	1,042	1,026,795
CCC Information Services, Inc.		
Term Loan, 4.00%, Maturing December 20, 2019	416	417,173
Ceridian, LLC		
Term Loan, 4.50%, Maturing September 15, 2020	617	616,754
ClientLogic Corporation		
Term Loan, 7.53%, Maturing January 30, 2017	1,567	1,558,868
Corporate Capital Trust, Inc.		
Term Loan, 4.00%, Maturing May 15, 2019	941	941,064
Crossmark Holdings, Inc.		
Term Loan, 4.50%, Maturing December 20, 2019	1,165	1,083,320
Education Management, LLC		
Term Loan, 5.50%, Maturing July 2, 2020	266	239,732
Term Loan, 8.50%, (2.00% Cash, 6.50% PIK), Maturing July 2, 2020	450	361,892
EIG Investors Corp.		
Term Loan, 5.00%, Maturing November 9, 2019	2,374	2,353,079
Emdeon Business Services, LLC		
Term Loan, 3.75%, Maturing November 2, 2018	1,411	1,418,486
Expert Global Solutions, Inc.		
Term Loan, 8.50%, Maturing April 3, 2018	643	645,054
Extreme Reach, Inc.		
Term Loan, 6.75%, Maturing February 7, 2020	722	729,695
Garda World Security Corporation		
Term Loan, 4.00%, Maturing November 6, 2020	110	110,402
Term Loan, 4.00%, Maturing November 6, 2020	431	431,573
Term Loan, 4.75%, Maturing November 6, 2020	1,351	1,099,890
	CAD	
IG Investment Holdings, LLC		
Term Loan, 6.00%, Maturing October 29, 2021	1,872	1,876,954
IMS Health Incorporated		
Term Loan, 3.50%, Maturing March 17, 2021	1,947	1,951,758
Information Resources, Inc.		
Term Loan, 4.75%, Maturing September 30, 2020	1,182	1,189,013
Borrower/Tranche Description		Value

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

		Principal Amount*	
		(000 s omitted)	
Business Equipment and Services (continued)			
ION Trading Technologies S.a.r.l.			
Term Loan, 4.50%, Maturing June 10, 2021	EUR	1,125	\$ 1,278,365
Term Loan - Second Lien, 7.25%, Maturing June 10, 2022		1,000	997,500
KAR Auction Services, Inc.			
Term Loan, 3.50%, Maturing March 11, 2021		2,695	2,705,390
Kronos Incorporated			
Term Loan, 4.50%, Maturing October 30, 2019		2,366	2,386,462
Term Loan - Second Lien, 9.75%, Maturing April 30, 2020		1,073	1,108,859
Language Line, LLC			
Term Loan, 6.25%, Maturing June 20, 2016		1,295	1,294,617
MCS AMS Sub-Holdings, LLC			
Term Loan, 7.00%, Maturing October 15, 2019		974	951,422
Monitronics International, Inc.			
Term Loan, 4.25%, Maturing March 23, 2018		527	528,349
Term Loan, 4.50%, Maturing April 2, 2022		675	679,219
PGX Holdings, Inc.			
Term Loan, 6.25%, Maturing September 29, 2020		568	573,136
Quintiles Transnational Corp.			
Term Loan, 3.75%, Maturing June 8, 2018		5,374	5,394,349
RCS Capital Corporation			
Term Loan, 6.50%, Maturing April 29, 2019		1,742	1,722,044
Term Loan - Second Lien, 10.50%, Maturing April 29, 2021		1,000	987,500
Sensus USA, Inc.			
Term Loan, 4.50%, Maturing May 9, 2017		648	647,622
Term Loan - Second Lien, 8.50%, Maturing May 9, 2018		1,000	992,500
ServiceMaster Company			
Term Loan, 4.25%, Maturing July 1, 2021		2,413	2,422,666
SunGard Data Systems, Inc.			
Term Loan, 3.93%, Maturing February 28, 2017		887	890,177
Term Loan, 4.00%, Maturing March 8, 2020		5,622	5,665,451
TNS, Inc.			
Term Loan, 5.00%, Maturing February 14, 2020		915	920,657
TransUnion, LLC			
Term Loan, 4.00%, Maturing April 9, 2021		4,158	4,181,389
Travelport Finance (Luxembourg) S.a.r.l.			
Term Loan, 5.75%, Maturing September 2, 2021		1,197	1,210,934
WASH Multifamily Laundry Systems, LLC			
Term Loan, 4.50%, Maturing February 21, 2019		319	319,097
West Corporation			
Term Loan, 3.25%, Maturing June 30, 2018		3,217	3,227,058
			\$ 67,153,474

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Cable and Satellite Television 2.7%		
Cequel Communications, LLC		
Term Loan, 3.50%, Maturing February 14, 2019	1,093	\$ 1,098,719
Crown Media Holdings, Inc.		
Term Loan, 4.00%, Maturing July 14, 2018	249	248,107
MCC Iowa, LLC		
Term Loan, 3.25%, Maturing January 29, 2021	983	980,044
Term Loan, 3.75%, Maturing June 30, 2021	868	871,966
Mediacom Illinois, LLC		
Term Loan, 3.15%, Maturing October 23, 2017	786	785,930
Term Loan, 3.75%, Maturing June 30, 2021	498	499,211
Numericable U.S., LLC		
Term Loan, 4.50%, Maturing May 21, 2020	1,041	1,046,640
Term Loan, 4.50%, Maturing May 21, 2020	1,203	1,209,798
Sterling Entertainment Enterprises, LLC		
Term Loan, 2.94%, Maturing December 28, 2017	720	696,600
Virgin Media Bristol, LLC		
Term Loan, 3.50%, Maturing June 7, 2020	3,338	3,344,834
Virgin Media Investment Holdings Limited		
Term Loan, 4.25%, Maturing June 30, 2023	GBP 1,475	2,278,275
Ziggo B.V.		
Term Loan, 3.75%, Maturing January 15, 2022	EUR 382	431,172
Term Loan, 3.75%, Maturing January 15, 2022	EUR 593	669,299
Term Loan, 3.75%, Maturing January 15, 2022	EUR 1,074	1,211,442
		\$ 15,372,037
Chemicals and Plastics 7.2%		
Allnex (Luxembourg) & Cy S.C.A.		
Term Loan, 4.50%, Maturing October 3, 2019	275	\$ 276,401
Allnex USA, Inc.		
Term Loan, 4.50%, Maturing October 3, 2019	143	143,411
Aruba Investments, Inc.		
Term Loan, 5.25%, Maturing February 2, 2022	300	303,180
Axalta Coating Systems US Holdings, Inc.		
Term Loan, 3.75%, Maturing February 1, 2020	3,756	3,771,513
AZ Chem US, Inc.		
Term Loan, 4.50%, Maturing June 12, 2021	2,086	2,100,625
Colouroz Investment 1, GmbH		
Term Loan, 4.75%, Maturing September 7, 2021	148	149,598
Term Loan, 4.75%, Maturing September 7, 2021	897	904,946
ECO Services Operations, LLC		
Term Loan, 4.75%, Maturing December 4, 2021	399	402,990

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

Emerald Performance Materials, LLC			
Term Loan, 4.50%, Maturing August 1, 2021		522	526,075
Term Loan - Second Lien, 7.75%, Maturing August 1, 2022		550	552,062
		Principal Amount*	
Borrower/Tranche Description		(000 s omitted)	Value
Chemicals and Plastics (continued)			
Gemini HDPE, LLC			
Term Loan, 4.75%, Maturing August 7, 2021		2,234	\$ 2,250,641
Huntsman International, LLC			
Term Loan, 3.75%, Maturing August 12, 2021		995	1,001,219
Ineos Finance PLC			
Term Loan, 4.00%, Maturing May 4, 2018	EUR	995	1,120,248
Term Loan, 4.25%, Maturing March 31, 2022	EUR	425	478,873
Ineos US Finance, LLC			
Term Loan, 3.75%, Maturing May 4, 2018		5,007	5,022,861
Term Loan, 4.25%, Maturing March 31, 2022		700	705,000
Kronos Worldwide, Inc.			
Term Loan, 4.75%, Maturing February 18, 2020		297	299,645
MacDermid, Inc.			
Term Loan, 4.50%, Maturing June 7, 2020		1,309	1,322,908
Term Loan, 4.75%, Maturing June 7, 2020		599	605,340
Minerals Technologies, Inc.			
Term Loan, 4.00%, Maturing May 7, 2021		1,831	1,841,706
Omnova Solutions, Inc.			
Term Loan, 4.25%, Maturing May 31, 2018		958	958,997
Orion Engineered Carbons GmbH			
Term Loan, 5.00%, Maturing July 25, 2021		572	578,561
Term Loan, 5.00%, Maturing July 25, 2021	EUR	970	1,102,467
OXEA Finance, LLC			
Term Loan, 4.25%, Maturing January 15, 2020		690	677,003
Term Loan - Second Lien, 8.25%, Maturing July 15, 2020		1,000	935,000
Polarpak, Inc.			
Term Loan, 5.50%, Maturing June 7, 2020	CAD	3,050	2,527,973
PQ Corporation			
Term Loan, 4.00%, Maturing August 7, 2017		1,149	1,150,501
Solenis International L.P.			
Term Loan, 4.25%, Maturing July 31, 2021		299	299,573
Term Loan, 4.50%, Maturing July 31, 2021	EUR	970	1,098,918
Sonneborn Refined Products B.V.			
Term Loan, 5.50%, Maturing December 10, 2020		71	71,694
Sonneborn, LLC			
Term Loan, 5.50%, Maturing December 10, 2020		403	406,265
Trinseo Materials Operating S.C.A.			
Term Loan, Maturing October 13, 2021 ⁽²⁾		325	326,828
Tronox Pigments (Netherlands) B.V.			
Term Loan, 4.25%, Maturing March 19, 2020		2,967	2,980,425
Univar, Inc.			
Term Loan, 5.00%, Maturing June 30, 2017		3,526	3,544,794
			\$ 40,438,241

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description		Principal Amount* (000 s omitted)	Value
Conglomerates 1.3%			
Bestway UK Holdco Limited			
Term Loan, 5.26%, Maturing October 6, 2021	GBP	1,760	\$ 2,724,040
RGIS Services, LLC			
Term Loan, 5.50%, Maturing October 18, 2017		2,820	2,658,109
Spectrum Brands Europe GmbH			
Term Loan, 3.75%, Maturing September 4, 2019	EUR	963	1,091,229
Spectrum Brands, Inc.			
Term Loan, 3.50%, Maturing September 4, 2019		1,034	1,038,128
			\$ 7,511,506
Containers and Glass Products 1.8%			
Berry Plastics Holding Corporation			
Term Loan, 3.50%, Maturing February 8, 2020		2,132	\$ 2,135,497
Term Loan, 3.75%, Maturing January 6, 2021		612	614,216
Crown Americas, LLC			
Term Loan, 5.50%, Maturing October 22, 2021		1,521	1,532,590
Hilex Poly Co., LLC			
Term Loan, 6.00%, Maturing December 5, 2021		1,496	1,516,823
Libbey Glass, Inc.			
Term Loan, 3.75%, Maturing April 9, 2021		397	398,365
Pelican Products, Inc.			
Term Loan, 5.25%, Maturing April 10, 2020		371	371,937
Reynolds Group Holdings, Inc.			
Term Loan, 4.50%, Maturing December 1, 2018		2,770	2,799,924
TricorBraun, Inc.			
Term Loan, 4.00%, Maturing May 3, 2018		574	574,185
			\$ 9,943,537
Cosmetics / Toiletries 0.7%			
Prestige Brands, Inc.			
Term Loan, 4.13%, Maturing January 31, 2019		153	\$ 154,157
Term Loan, 4.50%, Maturing September 3, 2021		587	590,779
Revlon Consumer Products Corporation			
Term Loan, 4.00%, Maturing October 8, 2019		1,188	1,194,059
Sun Products Corporation (The)			
Term Loan, 5.50%, Maturing March 23, 2020		2,111	2,039,941
			\$ 3,978,936

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

Drugs 3.6%

Alkermes, Inc.

Term Loan, 3.50%, Maturing September 18, 2019 367 \$ 367,840

AMAG Pharmaceuticals, Inc.

Term Loan, 7.25%, Maturing November 12, 2020 585 590,850

Borrower/Tranche Description

**Principal
Amount***
(000 s omitted) **Value**

Drugs (continued)

Concordia Healthcare Corp.

Term Loan, 4.75%, Maturing March 30, 2022 250 \$ 252,292

DPx Holdings B.V.

Term Loan, 4.25%, Maturing March 11, 2021 868 870,789

Term Loan, 4.50%, Maturing March 11, 2021 EUR 700 793,265

Term Loan, 4.50%, Maturing March 11, 2021 EUR 298 337,421

Endo Luxembourg Finance Company I S.a.r.l.

Term Loan, 3.25%, Maturing March 1, 2021 396 396,825

Horizon Pharma Holdings USA, Inc.

Term Loan, Maturing April 22, 2021⁽²⁾ 2,225 2,243,775

Mallinckrodt International Finance S.A.

Term Loan, 3.25%, Maturing March 19, 2021 1,510 1,511,907

Par Pharmaceutical Companies, Inc.

Term Loan, 4.00%, Maturing September 30, 2019 1,868 1,872,755

Valeant Pharmaceuticals International, Inc.

Term Loan, 3.50%, Maturing February 13, 2019 1,593 1,600,200

Term Loan, 3.50%, Maturing December 11, 2019 2,561 2,571,364

Term Loan, 3.50%, Maturing August 5, 2020 3,125 3,137,397

Term Loan, 4.00%, Maturing April 1, 2022 3,625 3,654,681

VWR Funding, Inc.

Term Loan, 3.43%, Maturing April 3, 2017 79 78,970

\$ 20,280,331

Ecological Services and Equipment 0.8%

ADS Waste Holdings, Inc.

Term Loan, 3.75%, Maturing October 9, 2019 3,833 \$ 3,831,269

EnergySolutions, LLC

Term Loan, 6.75%, Maturing May 29, 2020 797 801,497

\$ 4,632,766

Electronics / Electrical 12.7%

Allflex Holdings III, Inc.

Term Loan, 4.25%, Maturing July 17, 2020 640 \$ 645,319

Answers Corporation

Term Loan, 6.25%, Maturing October 3, 2021 2,097 2,015,982

Applied Systems, Inc.

Term Loan, 4.27%, Maturing January 25, 2021 816 820,285

Avago Technologies Cayman Ltd.

Term Loan, 3.75%, Maturing May 6, 2021 5,354 5,386,050

Blue Coat Systems, Inc.

Term Loan - Second Lien, 9.50%, Maturing June 28, 2020 825 843,562

Campaign Monitor Finance Pty Limited

Term Loan, 6.25%, Maturing March 18, 2021 718 716,853

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Electronics / Electrical (continued)		
Carros Finance Luxembourg S.a.r.l. Term Loan, 4.50%, Maturing September 30, 2021	348	\$ 353,038
Cinedigm Digital Funding I, LLC Term Loan, 3.75%, Maturing February 28, 2018	265	266,071
CompuCom Systems, Inc. Term Loan, 4.25%, Maturing May 11, 2020	1,195	1,122,061
Dealertrack Technologies, Inc. Term Loan, 3.25%, Maturing February 28, 2021	477	477,085
Dell, Inc. Term Loan, 4.50%, Maturing April 29, 2020	8,225	8,266,989
Eagle Parent, Inc. Term Loan, 4.00%, Maturing May 16, 2018	3,372	3,391,251
Entegris, Inc. Term Loan, 3.50%, Maturing April 30, 2021	417	418,663
Excelitas Technologies Corp. Term Loan, 6.00%, Maturing October 31, 2020	828	834,583
Eze Castle Software, Inc. Term Loan, Maturing April 6, 2020 ⁽²⁾	1,500	1,504,999
FIDJI Luxembourg (BC4) S.a.r.l. Term Loan, 6.25%, Maturing December 24, 2020	760	760,950
Freescale Semiconductor, Inc. Term Loan, 4.25%, Maturing February 28, 2020	1,855	1,864,046
Go Daddy Operating Company, LLC Term Loan, 4.50%, Maturing May 13, 2021	4,511	4,548,212
Hyland Software, Inc. Term Loan, 4.75%, Maturing February 19, 2021	492	494,761
Infor (US), Inc. Term Loan, 3.75%, Maturing June 3, 2020	5,212	5,207,236
Lattice Semiconductor Corporation Term Loan, 5.25%, Maturing March 10, 2021	575	580,031
M/A-COM Technology Solutions Holdings, Inc. Term Loan, 4.50%, Maturing May 7, 2021	521	526,273
MA FinanceCo., LLC Term Loan, 4.50%, Maturing November 20, 2019	1,100	1,103,666
Magic Newco, LLC Term Loan, 5.00%, Maturing December 12, 2018	1,365	1,374,239
MH Sub I, LLC Term Loan, 5.00%, Maturing July 8, 2021	869	874,374
Microsemi Corporation Term Loan, 3.25%, Maturing February 19, 2020	1,254	1,259,313
Orbotech, Inc. Term Loan, 5.00%, Maturing August 6, 2020	448	448,019
Borrower/Tranche Description		Value

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

	Principal Amount*	
	(000 s omitted)	
Electronics / Electrical (continued)		
Renaissance Learning, Inc.		
Term Loan, 4.50%, Maturing April 9, 2021	2,193	\$ 2,176,552
Term Loan - Second Lien, 8.00%, Maturing April 11, 2022	225	219,937
Rocket Software, Inc.		
Term Loan, 5.75%, Maturing February 8, 2018	1,198	1,204,909
Term Loan - Second Lien, 10.25%, Maturing February 8, 2019	750	754,219
RP Crown Parent, LLC		
Term Loan, 6.00%, Maturing December 21, 2018	4,530	4,419,545
SGS Cayman L.P.		
Term Loan, 6.00%, Maturing April 23, 2021	202	203,864
Shield Finance Co. S.a.r.l.		
Term Loan, 5.00%, Maturing January 29, 2021	693	698,775
Sirius Computer Solutions, Inc.		
Term Loan, 7.00%, Maturing December 7, 2018	428	433,428
SkillSoft Corporation		
Term Loan, 5.75%, Maturing April 28, 2021	2,184	2,177,847
Smart Technologies ULC		
Term Loan, 10.50%, Maturing January 31, 2018	577	579,759
Sophia L.P.		
Term Loan, 4.00%, Maturing July 19, 2018	1,237	1,243,387
SunEdison Semiconductor B.V.		
Term Loan, 6.50%, Maturing May 27, 2019	844	845,734
SurveyMonkey.com, LLC		
Term Loan, 5.50%, Maturing February 5, 2019	529	533,638
Sutherland Global Services, Inc.		
Term Loan, 6.00%, Maturing April 23, 2021	868	875,789
Sybil Software, LLC		
Term Loan, 4.75%, Maturing March 20, 2020	2,136	2,156,294
Vantiv, LLC		
Term Loan, 3.75%, Maturing June 13, 2021	765	769,452
Vertafore, Inc.		
Term Loan, 4.25%, Maturing October 3, 2019	913	916,956
Wall Street Systems Delaware, Inc.		
Term Loan, 4.50%, Maturing April 30, 2021	1,352	1,356,108
Zebra Technologies Corporation		
Term Loan, 4.75%, Maturing October 27, 2021	2,077	2,105,259
		\$ 71,757,739
Equipment Leasing 0.5%		
Flying Fortress, Inc.		
Term Loan, 3.50%, Maturing June 30, 2017	2,792	\$ 2,801,555
		\$ 2,801,555

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Financial Intermediaries - 5.0%		
Armor Holding II, LLC		
Term Loan, 5.75%, Maturing June 26, 2020	992	\$ 990,649
Term Loan - Second Lien, 10.25%, Maturing December 26, 2020	1,000	970,000
Citco Funding, LLC		
Term Loan, 4.25%, Maturing June 29, 2018	2,004	2,015,414
Clipper Acquisitions Corp.		
Term Loan, 3.00%, Maturing February 6, 2020	538	535,677
First Data Corporation		
Term Loan, 3.68%, Maturing March 24, 2018	4,961	4,977,934
Term Loan, 3.68%, Maturing September 24, 2018	1,875	1,880,664
Grosvenor Capital Management Holdings, LLP		
Term Loan, 3.75%, Maturing January 4, 2021	1,189	1,187,077
Guggenheim Partners, LLC		
Term Loan, 4.25%, Maturing July 22, 2020	1,333	1,342,639
Hamilton Lane Advisors, LLC		
Term Loan, 4.00%, Maturing February 28, 2018	500	503,287
Harbourvest Partners, LLC		
Term Loan, 3.25%, Maturing February 4, 2021	774	772,956
LPL Holdings, Inc.		
Term Loan, 3.25%, Maturing March 29, 2019	3,743	3,749,860
Medley, LLC		
Term Loan, 6.50%, Maturing June 15, 2019	497	496,591
MIP Delaware, LLC		
Term Loan, 4.00%, Maturing March 9, 2020	437	439,741
Moneygram International, Inc.		
Term Loan, 4.25%, Maturing March 27, 2020	417	392,985
NXT Capital, Inc.		
Term Loan, 6.25%, Maturing September 4, 2018	124	124,362
Term Loan, 6.25%, Maturing September 4, 2018	739	742,444
Ocwen Financial Corporation		
Term Loan, 5.00%, Maturing February 15, 2018	2,982	2,958,023
Sesac Holdco II, LLC		
Term Loan, 5.25%, Maturing February 8, 2019	984	984,539
Starwood Property Trust, Inc.		
Term Loan, 3.50%, Maturing April 17, 2020	270	269,163
Walker & Dunlop, Inc.		
Term Loan, 5.25%, Maturing December 11, 2020	629	630,247
Walter Investment Management Corp.		
Term Loan, 4.75%, Maturing December 19, 2020	2,404	2,309,976
		\$ 28,274,228

Borrower/Tranche Description	Principal Amount*	Value
------------------------------	----------------------	-------

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

(000 s omitted)

Food Products 6.1%

AdvancePierre Foods, Inc.			
Term Loan, 5.75%, Maturing July 10, 2017		3,626	\$ 3,658,950
American Seafoods Group, LLC			
Term Loan, 6.50%, Maturing March 18, 2018		569	546,518
Blue Buffalo Company Ltd.			
Term Loan, 3.75%, Maturing August 8, 2019		1,268	1,270,888
Charger OpCo B.V.			
Term Loan, 3.50%, Maturing July 23, 2021	EUR	725	823,079
Term Loan, 3.50%, Maturing July 23, 2021		2,175	2,175,000
Clearwater Seafoods Limited Partnership			
Term Loan, 4.75%, Maturing June 26, 2019		908	909,811
Del Monte Foods, Inc.			
Term Loan, 4.25%, Maturing February 18, 2021		1,958	1,882,718
Diamond Foods, Inc.			
Term Loan, 4.25%, Maturing August 20, 2018		198	198,241
Dole Food Company, Inc.			
Term Loan, 4.50%, Maturing November 1, 2018		1,312	1,322,639
H.J. Heinz Company			
Term Loan, 3.25%, Maturing June 5, 2020		5,552	5,565,018
High Liner Foods Incorporated			
Term Loan, 4.25%, Maturing April 24, 2021		842	843,604
JBS USA Holdings, Inc.			
Term Loan, 3.75%, Maturing May 25, 2018		862	865,276
Term Loan, 3.75%, Maturing September 18, 2020		1,551	1,562,041
NBTY, Inc.			
Term Loan, 3.50%, Maturing October 1, 2017		5,409	5,388,716
Onex Wizard Acquisition Company I S.a.r.l.			
Term Loan, 5.25%, Maturing March 13, 2022	EUR	2,000	2,269,962
Onex Wizard US Acquisition, Inc.			
Term Loan, 5.25%, Maturing March 13, 2022		1,225	1,239,738
Pinnacle Foods Finance, LLC			
Term Loan, 3.00%, Maturing April 29, 2020		690	690,846
Term Loan, 3.00%, Maturing April 29, 2020		1,865	1,868,264
Post Holdings, Inc.			
Term Loan, 3.75%, Maturing June 2, 2021		1,121	1,126,391
			\$ 34,207,700

Food Service 4.1%

1011778 B.C. Unlimited Liability Company			
Term Loan, 4.50%, Maturing December 12, 2021		6,443	\$ 6,528,320
Aramark Services, Inc.			
Term Loan, 3.68%, Maturing July 26, 2016		169	168,203
Term Loan, 3.68%, Maturing July 26, 2016		304	302,593

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Food Service (continued)		
ARG IH Corporation		
Term Loan, 4.75%, Maturing November 15, 2020	266	\$ 267,600
Buffets, Inc.		
Term Loan, 0.00%, Maturing April 22, 2015 ⁽³⁾⁽⁴⁾	90	71,985
CEC Entertainment, Inc.		
Term Loan, 4.00%, Maturing February 14, 2021	718	712,890
Centerplate, Inc.		
Term Loan, 4.75%, Maturing November 26, 2019	1,013	1,007,526
Darling International, Inc.		
Term Loan, 3.50%, Maturing January 6, 2021	EUR 965	1,094,940
Landry s, Inc.		
Term Loan, 4.00%, Maturing April 24, 2018	2,211	2,224,545
NPC International, Inc.		
Term Loan, 4.00%, Maturing December 28, 2018	1,650	1,646,186
P.F. Chang s China Bistro, Inc.		
Term Loan, 4.25%, Maturing July 2, 2019	405	398,575
Seminole Hard Rock Entertainment, Inc.		
Term Loan, 3.50%, Maturing May 14, 2020	270	270,244
US Foods, Inc.		
Term Loan, 4.50%, Maturing March 31, 2019	4,888	4,911,360
Weight Watchers International, Inc.		
Term Loan, 4.00%, Maturing April 2, 2020	6,787	3,630,777
		\$ 23,235,744
Food / Drug Retailers 4.0%		
Albertson s Holdings, LLC		
Term Loan, 5.00%, Maturing August 25, 2019	3,250	\$ 3,279,887
Term Loan, 5.50%, Maturing August 25, 2021	900	910,813
Albertson s, LLC		
Term Loan, 5.38%, Maturing March 21, 2019	2,328	2,349,890
General Nutrition Centers, Inc.		
Term Loan, 3.25%, Maturing March 4, 2019	5,088	5,077,268
New Albertson s, Inc.		
Term Loan, 4.75%, Maturing June 27, 2021	4,733	4,760,344
Rite Aid Corporation		
Term Loan - Second Lien, 5.75%, Maturing August 21, 2020	1,450	1,464,198
Supervalu, Inc.		
Term Loan, 4.50%, Maturing March 21, 2019	4,789	4,814,846
		\$ 22,657,246

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

Health Care 15.6%

Acadia Healthcare Company, Inc.

Term Loan, 4.25%, Maturing February 11, 2022

249 \$ 252,570
**Principal
Amount***
(000 s omitted) Value

Borrower/Tranche Description

Health Care (continued)

Akorn, Inc.

Term Loan, 4.50%, Maturing April 16, 2021

1,045 \$ 1,048,668

Alere, Inc.

Term Loan, 4.25%, Maturing June 30, 2017

2,607 2,626,082

Alliance Healthcare Services, Inc.

Term Loan, 4.25%, Maturing June 3, 2019

1,214 1,211,710

Amneal Pharmaceuticals, LLC

Term Loan, 4.51%, Maturing November 1, 2019

225 226,406

Term Loan, 5.00%, Maturing November 1, 2019

1,506 1,518,275

Amsurg Corp.

Term Loan, 3.75%, Maturing July 16, 2021

596 599,062

Ardent Medical Services, Inc.

Term Loan, 6.75%, Maturing July 2, 2018

2,774 2,787,741

Aspen Dental Management, Inc.

Term Loan, Maturing April 10, 2022⁽²⁾

325 327,234

ATI Holdings, Inc.

Term Loan, 5.25%, Maturing December 20, 2019

938 945,143

Auris Luxembourg III S.a.r.l.

Term Loan, 5.50%, Maturing January 17, 2022

775 784,203

Biomet, Inc.

Term Loan, 3.68%, Maturing July 25, 2017

5,487 5,491,806

BioScrip, Inc.

Term Loan, 6.50%, Maturing July 31, 2020

1,013 1,008,070

Term Loan, 6.50%, Maturing July 31, 2020

1,688 1,680,117

BSN Medical, Inc.

Term Loan, 4.00%, Maturing August 28, 2019

569 569,588

Capella Healthcare, Inc.

Term Loan, 5.25%, Maturing December 31, 2021

773 779,827

CareCore National, LLC

Term Loan, 5.50%, Maturing March 5, 2021

1,445 1,461,479

CeramTec Acquisition Corporation

Term Loan, 4.25%, Maturing August 30, 2020

33 33,135

CHG Healthcare Services, Inc.

Term Loan, 4.25%, Maturing November 19, 2019

830 835,718

Community Health Systems, Inc.

Term Loan, 4.25%, Maturing January 27, 2021

7,374 7,426,783

Convatec, Inc.

Term Loan, 4.00%, Maturing December 22, 2016

1,366 1,371,672

CPI Buyer, LLC

Term Loan, 5.50%, Maturing August 18, 2021

1,020 1,022,426

DaVita HealthCare Partners, Inc.

Term Loan, 3.50%, Maturing June 24, 2021

3,201 3,216,151

DJO Finance, LLC

Term Loan, 4.25%, Maturing September 15, 2017

573 576,019

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Health Care (continued)		
Envision Healthcare Corporation		
Term Loan, 4.00%, Maturing May 25, 2018	1,988	\$ 2,000,985
Faenza Acquisition GmbH		
Term Loan, 4.25%, Maturing August 30, 2020	97	98,073
Term Loan, 4.25%, Maturing August 30, 2020	329	330,810
Grifols Worldwide Operations USA, Inc.		
Term Loan, 3.18%, Maturing February 27, 2021	4,703	4,723,341
Iasis Healthcare, LLC		
Term Loan, 4.50%, Maturing May 3, 2018	1,609	1,617,507
Impax Laboratories, Inc.		
Term Loan, 5.50%, Maturing December 2, 2020	825	835,313
Indivior Finance S.a.r.l.		
Term Loan, 7.00%, Maturing December 19, 2019	1,012	966,639
inVentive Health, Inc.		
Term Loan, 7.75%, Maturing May 15, 2018	1,007	1,012,592
Term Loan, 7.75%, Maturing May 15, 2018	2,378	2,379,521
Kindred Healthcare, Inc.		
Term Loan, 4.25%, Maturing April 9, 2021	1,489	1,502,707
Kinetic Concepts, Inc.		
Term Loan, 4.50%, Maturing May 4, 2018	4,462	4,499,218
LHP Hospital Group, Inc.		
Term Loan, 9.00%, Maturing July 3, 2018	1,889	1,841,427
MedAssets, Inc.		
Term Loan, 4.00%, Maturing December 13, 2019	350	349,995
Millennium Laboratories, Inc.		
Term Loan, 5.25%, Maturing April 16, 2021	6,166	5,102,767
MMM Holdings, Inc.		
Term Loan, 9.75%, Maturing December 12, 2017	543	456,292
MSO of Puerto Rico, Inc.		
Term Loan, 9.75%, Maturing December 12, 2017	395	331,726
National Mentor Holdings, Inc.		
Term Loan, 4.25%, Maturing January 31, 2021	520	522,511
Onex Carestream Finance L.P.		
Term Loan, 5.00%, Maturing June 7, 2019	3,325	3,362,116
Opal Acquisition, Inc.		
Term Loan, 5.00%, Maturing November 27, 2020	1,629	1,633,740
Ortho-Clinical Diagnostics, Inc.		
Term Loan, 4.75%, Maturing June 30, 2021	3,102	3,099,069
Pharmaceutical Product Development, LLC		
Term Loan, 4.00%, Maturing December 5, 2018	1,882	1,893,111
PRA Holdings, Inc.		
Term Loan, 4.50%, Maturing September 23, 2020	1,023	1,031,176
Radnet Management, Inc.		
Term Loan, 4.28%, Maturing October 10, 2018	1,966	1,974,660

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Health Care (continued)		
RegionalCare Hospital Partners, Inc.		
Term Loan, 6.00%, Maturing April 19, 2019	1,763	\$ 1,768,944
Sage Products Holdings III, LLC		
Term Loan, 5.00%, Maturing December 13, 2019	1,107	1,123,181
Select Medical Corporation		
Term Loan, 3.75%, Maturing June 1, 2018	1,110	1,113,828
Steward Health Care System, LLC		
Term Loan, 6.75%, Maturing April 12, 2020	344	343,230
Tecomet, Inc.		
Term Loan, 5.75%, Maturing December 5, 2021	1,147	1,138,522
Truven Health Analytics, Inc.		
Term Loan, 4.50%, Maturing June 6, 2019	2,109	2,116,778
U.S. Renal Care, Inc.		
Term Loan, 4.25%, Maturing July 3, 2019	792	797,351
		\$ 87,767,015
Home Furnishings 0.5%		
Interline Brands, Inc.		
Term Loan, 4.00%, Maturing March 17, 2021	223	\$ 223,237
Serta Simmons Holdings, LLC		
Term Loan, 4.25%, Maturing October 1, 2019	1,512	1,523,362
Tempur-Pedic International, Inc.		
Term Loan, 3.50%, Maturing March 18, 2020	1,201	1,206,742
		\$ 2,953,341
Industrial Equipment 4.1%		
Alliance Laundry Systems, LLC		
Term Loan, 4.25%, Maturing December 10, 2018	303	\$ 304,682
Apex Tool Group, LLC		
Term Loan, 4.50%, Maturing January 31, 2020	711	711,388
CPM Holdings, Inc.		
Term Loan, Maturing April 1, 2022 ⁽²⁾	275	278,438
Delachaux S.A.		
Term Loan, 5.25%, Maturing October 28, 2021	575	578,953
Doosan Infracore International, Inc.		
Term Loan, 4.50%, Maturing May 28, 2021	1,007	1,019,724
Filtration Group Corporation		
Term Loan - Second Lien, 8.25%, Maturing November 21, 2021	1,000	1,007,075
Gardner Denver, Inc.		
Term Loan, 4.25%, Maturing July 30, 2020	3,215	3,144,246
Term Loan, 4.75%, Maturing July 30, 2020	EUR 394	440,329

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Industrial Equipment (continued)		
Husky Injection Molding Systems Ltd.		
Term Loan, 4.25%, Maturing June 30, 2021	2,754	\$ 2,773,670
Term Loan - Second Lien, 7.25%, Maturing June 30, 2022	657	651,368
Milacron, LLC		
Term Loan, 4.00%, Maturing March 28, 2020	516	515,790
NN, Inc.		
Term Loan, 6.00%, Maturing August 27, 2021	657	661,839
Paladin Brands Holding, Inc.		
Term Loan, 6.76%, Maturing August 16, 2019	694	697,519
Rexnord, LLC		
Term Loan, 4.00%, Maturing August 21, 2020	4,556	4,577,979
Signode Industrial Group US, Inc.		
Term Loan, 3.75%, Maturing May 1, 2021	1,176	1,178,868
STS Operating, Inc.		
Term Loan, 4.75%, Maturing February 12, 2021	297	296,629
Tank Holding Corp.		
Term Loan, 5.25%, Maturing March 16, 2022	779	786,510
Terex Corporation		
Term Loan, 4.00%, Maturing August 13, 2021	EUR 1,567	1,769,910
Unifrax Corporation		
Term Loan, 4.25%, Maturing November 28, 2018	329	329,355
Virtuoso US, LLC		
Term Loan, 4.75%, Maturing February 11, 2021	421	423,204
Wittur GmbH		
Term Loan, 6.00%, Maturing February 10, 2022	EUR 900	1,011,828
		\$ 23,159,304
Insurance 4.3%		
Alliant Holdings I, Inc.		
Term Loan, 5.00%, Maturing December 20, 2019	1,910	\$ 1,918,199
AmWINS Group, LLC		
Term Loan, 5.25%, Maturing September 6, 2019	4,723	4,769,865
Asurion, LLC		
Term Loan, 5.00%, Maturing May 24, 2019	8,322	8,388,252
Term Loan - Second Lien, 8.50%, Maturing March 3, 2021	1,025	1,040,375
CGSC of Delaware Holding Corporation		
Term Loan, 5.00%, Maturing April 16, 2020	467	443,937
Cunningham Lindsey U.S., Inc.		
Term Loan, 5.00%, Maturing December 10, 2019	880	869,298
Term Loan - Second Lien, 9.25%, Maturing June 10, 2020	1,000	965,000
Hub International Limited		

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Term Loan, 4.00%, Maturing October 2, 2020	2,783	2,778,127
Insurance (continued)		
USI, Inc.		
Term Loan, 4.25%, Maturing December 27, 2019	2,750	\$ 2,758,255
		\$ 23,931,308
Leisure Goods / Activities / Movies 4.8%		
Auffinco Pty Limited		
Term Loan, 4.00%, Maturing May 29, 2020	467	\$ 467,417
Term Loan - Second Lien, 8.25%, Maturing November 30, 2020	1,000	987,500
Bombardier Recreational Products, Inc.		
Term Loan, 4.00%, Maturing January 30, 2019	3,225	3,246,740
Bright Horizons Family Solutions, Inc.		
Term Loan, 4.00%, Maturing January 30, 2020	880	885,157
ClubCorp Club Operations, Inc.		
Term Loan, 4.50%, Maturing July 24, 2020	2,928	2,951,466
Dave & Buster s, Inc.		
Term Loan, 4.25%, Maturing July 25, 2020	142	143,076
Emerald Expositions Holding, Inc.		
Term Loan, 4.75%, Maturing June 17, 2020	981	991,892
Equinox Holdings, Inc.		
Term Loan, 5.00%, Maturing January 31, 2020	1,017	1,026,708
Fender Musical Instruments Corporation		
Term Loan, 5.75%, Maturing April 3, 2019	323	324,007
Kasima, LLC		
Term Loan, 3.25%, Maturing May 17, 2021	817	817,279
Live Nation Entertainment, Inc.		
Term Loan, 3.50%, Maturing August 17, 2020	2,533	2,544,244
Nord Anglia Education Finance, LLC		
Term Loan, 4.50%, Maturing March 31, 2021	1,464	1,467,597
Sabre, Inc.		
Term Loan, 4.00%, Maturing February 19, 2019	1,173	1,180,820
SeaWorld Parks & Entertainment, Inc.		
Term Loan, 3.00%, Maturing May 14, 2020	2,765	2,716,669
Sonifi Solutions, Inc.		
Term Loan, 6.75%, (1.00% Cash, 5.75% PIK), Maturing March 28, 2018 ⁽³⁾	1,061	67,874
SRAM, LLC		
Term Loan, 4.02%, Maturing April 10, 2020	1,689	1,692,305
Steinway Musical Instruments, Inc.		
Term Loan, 4.75%, Maturing September 19, 2019	782	787,442
Town Sports International, Inc.		
Term Loan, 4.50%, Maturing November 15, 2020	1,183	1,018,612
WMG Acquisition Corp.		
Term Loan, 3.75%, Maturing July 1, 2020	1,039	1,035,068

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Leisure Goods / Activities / Movies (continued)		
Zuffa, LLC		
Term Loan, 3.75%, Maturing February 25, 2020	2,835	\$ 2,806,867
		\$ 27,158,740
Lodging and Casinos 5.3%		
Affinity Gaming, LLC		
Term Loan, 5.25%, Maturing November 9, 2017	388	\$ 391,246
Amaya Holdings B.V.		
Term Loan, 5.00%, Maturing August 1, 2021	2,711	2,724,086
Term Loan - Second Lien, 8.00%, Maturing August 1, 2022	750	758,812
Boyd Gaming Corporation		
Term Loan, 4.00%, Maturing August 14, 2020	462	465,269
Caesars Entertainment Operating Company		
Term Loan, 0.00%, Maturing March 1, 2017 ⁽⁴⁾	978	904,663
CityCenter Holdings, LLC		
Term Loan, 4.25%, Maturing October 16, 2020	796	802,071
Four Seasons Holdings, Inc.		
Term Loan - Second Lien, 6.25%, Maturing December 27, 2020	3,577	3,608,188
Gala Group Ltd.		
Term Loan, 5.51%, Maturing May 27, 2018	GBP 3,125	4,819,769
Golden Nugget, Inc.		
Term Loan, 5.50%, Maturing November 21, 2019	139	140,643
Term Loan, 5.50%, Maturing November 21, 2019	325	328,168
Hilton Worldwide Finance, LLC		
Term Loan, 3.50%, Maturing October 26, 2020	4,906	4,930,099
La Quinta Intermediate Holdings, LLC		
Term Loan, 4.00%, Maturing April 14, 2021	1,022	1,026,852
MGM Resorts International		
Term Loan, 3.50%, Maturing December 20, 2019	2,444	2,448,332
Pinnacle Entertainment, Inc.		
Term Loan, 3.75%, Maturing August 13, 2020	659	660,146
Playa Resorts Holding B.V.		
Term Loan, 4.00%, Maturing August 9, 2019	493	493,731
RHP Hotel Properties L.P.		
Term Loan, 3.75%, Maturing January 15, 2021	670	675,172
Scientific Games International, Inc.		
Term Loan, 6.00%, Maturing October 18, 2020	3,604	3,644,924
Term Loan, 6.00%, Maturing October 1, 2021	848	857,472
Tropicana Entertainment, Inc.		
Term Loan, 4.00%, Maturing November 27, 2020	369	370,760

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

\$ 30,050,403

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Nonferrous Metals / Minerals 2.7%		
Alpha Natural Resources, LLC Term Loan, 3.50%, Maturing May 22, 2020	1,764	\$ 1,234,800
Arch Coal, Inc. Term Loan, 6.25%, Maturing May 16, 2018	3,557	2,664,452
Dynacast International, LLC Term Loan, 5.25%, Maturing January 28, 2022	600	608,813
Fairmount Minerals Ltd. Term Loan, 4.50%, Maturing September 5, 2019	2,019	1,931,413
Murray Energy Corporation Term Loan, 7.00%, Maturing April 7, 2017	300	302,750
Term Loan, 7.50%, Maturing March 19, 2021	1,875	1,860,937
Noranda Aluminum Acquisition Corporation Term Loan, 5.75%, Maturing February 28, 2019	994	929,209
Novelis, Inc. Term Loan, 3.75%, Maturing March 10, 2017	2,614	2,623,722
Oxbow Carbon, LLC Term Loan, 4.25%, Maturing July 19, 2019	433	429,826
Term Loan - Second Lien, 8.00%, Maturing January 17, 2020	1,375	1,244,375
United Central Industrial Supply Company, LLC Term Loan - Second Lien, 12.50%, Maturing April 9, 2019	500	452,500
Walter Energy, Inc. Term Loan, 7.25%, Maturing April 2, 2018	1,607	1,024,970
		\$ 15,307,767
Oil and Gas 6.1%		
Ameriforge Group, Inc. Term Loan, 5.00%, Maturing December 19, 2019	1,130	\$ 993,477
Term Loan - Second Lien, 8.75%, Maturing December 19, 2020	2,800	2,450,000
Bronco Midstream Funding, LLC Term Loan, 5.00%, Maturing August 15, 2020	1,627	1,586,728
CITGO Holding, Inc. Term Loan, 9.50%, Maturing May 12, 2018	1,970	1,990,380
CITGO Petroleum Corporation Term Loan, 4.50%, Maturing July 29, 2021	970	974,673
Crestwood Holdings, LLC Term Loan, 7.00%, Maturing June 19, 2019	1,807	1,761,688
Drillships Ocean Ventures, Inc. Term Loan, 5.50%, Maturing July 25, 2021	2,064	1,799,491
Energy Transfer Equity L.P. Term Loan, 4.00%, Maturing December 2, 2019	425	427,656
Fieldwood Energy, LLC Term Loan, 3.88%, Maturing September 28, 2018	1,035	1,011,590

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Oil and Gas (continued)		
Floatel International Ltd.		
Term Loan, 6.00%, Maturing June 27, 2020	2,208	\$ 1,667,395
MEG Energy Corp.		
Term Loan, 3.75%, Maturing March 31, 2020	7,339	7,266,195
Obsidian Natural Gas Trust		
Term Loan, 7.00%, Maturing November 2, 2015	484	481,707
Paragon Offshore Finance Company		
Term Loan, 3.75%, Maturing July 18, 2021	846	641,184
Samson Investment Company		
Term Loan - Second Lien, 5.00%, Maturing September 25, 2018	1,850	897,250
Seadrill Partners Finco, LLC		
Term Loan, 4.00%, Maturing February 21, 2021	4,651	3,818,808
Seventy Seven Operating, LLC		
Term Loan, 3.75%, Maturing June 25, 2021	521	493,707
Sheridan Investment Partners II L.P.		
Term Loan, 4.25%, Maturing December 16, 2020	35	32,181
Term Loan, 4.25%, Maturing December 16, 2020	94	86,288
Term Loan, 4.25%, Maturing December 16, 2020	679	620,298
Sheridan Production Partners I, LLC		
Term Loan, 4.25%, Maturing October 1, 2019	204	197,165
Term Loan, 4.25%, Maturing October 1, 2019	335	322,795
Term Loan, 4.25%, Maturing October 1, 2019	2,524	2,436,041
Southcross Holdings Borrower L.P.		
Term Loan, 6.00%, Maturing August 4, 2021	397	391,045
Tallgrass Operations, LLC		
Term Loan, 4.25%, Maturing November 13, 2018	62	61,672
Targa Resources Corp.		
Term Loan, 5.75%, Maturing February 25, 2022	394	398,632
Tervita Corporation		
Term Loan, 6.25%, Maturing May 15, 2018	1,919	1,828,957
		\$ 34,637,003
Publishing 3.1%		
Ascend Learning, LLC		
Term Loan, 6.00%, Maturing July 31, 2019	1,758	\$ 1,773,181
Getty Images, Inc.		
Term Loan, 4.75%, Maturing October 18, 2019	5,412	4,712,370
Interactive Data Corporation		
Term Loan, 4.75%, Maturing May 2, 2021	1,588	1,600,655
Laureate Education, Inc.		
Term Loan, 5.00%, Maturing June 15, 2018	4,932	4,796,464

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

McGraw-Hill Global Education Holdings, LLC

Term Loan, 5.75%, Maturing March 22, 2019

692		697,441
Principal Amount*		
(000 s omitted)		Value

Borrower/Tranche Description

Publishing (continued)

Merrill Communications, LLC

Term Loan, 5.75%, Maturing March 8, 2018

605 \$ 611,118

Multi Packaging Solutions, Inc.

Term Loan, 4.25%, Maturing September 30, 2020

371 370,863

Nelson Education Ltd.

Term Loan, 6.75%, Maturing July 3, 2014⁽⁵⁾

431 334,391

Penton Media, Inc.

Term Loan, 5.50%, Maturing October 3, 2019

565 570,007

ProQuest, LLC

Term Loan, 5.25%, Maturing October 24, 2021

673 678,362

Springer Science+Business Media Deutschland GmbH

Term Loan, 4.75%, Maturing August 14, 2020

1,108 1,114,191

Term Loan, Maturing August 14,

2020⁽²⁾

325 326,930

\$ 17,585,973

Radio and Television 3.3%

ALM Media Holdings, Inc.

Term Loan, 5.50%, Maturing July 31, 2020

420 \$ 409,993

AP NMT Acquisition B.V.

Term Loan, 6.75%, Maturing August 13, 2021

973 971,106

Block Communications, Inc.

Term Loan, 4.25%, Maturing November 7, 2021

224 226,044

Clear Channel Communications, Inc.

Term Loan, 6.93%, Maturing January 30, 2019

1,132 1,085,690

Term Loan, 7.68%, Maturing July 30, 2019

364 354,170

Cumulus Media Holdings, Inc.

Term Loan, 4.25%, Maturing December 23, 2020

4,137 4,086,139

Entercom Radio, LLC

Term Loan, 4.00%, Maturing November 23, 2018

382 383,818

Gray Television, Inc.

Term Loan, 3.75%, Maturing June 10, 2021

245 246,031

Hubbard Radio, LLC

Term Loan, 4.50%, Maturing April 29, 2019

686 687,994

Media General, Inc.

Term Loan, 4.25%, Maturing July 31, 2020

1,440 1,452,695

Mission Broadcasting, Inc.

Term Loan, 3.75%, Maturing October 1, 2020

633 635,148

Nexstar Broadcasting, Inc.

Term Loan, 3.75%, Maturing October 1, 2020

718 720,268

Raycom TV Broadcasting, LLC

Term Loan, 3.75%, Maturing August 4, 2021

845 839,756

Sinclair Television Group, Inc.

Term Loan, 3.00%, Maturing April 9, 2020

490 488,710

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Radio and Television (continued)		
TWCC Holding Corp.		
Term Loan, 3.50%, Maturing February 13, 2017	1,057	\$ 1,049,755
Term Loan - Second Lien, 7.00%, Maturing June 26, 2020	1,375	1,302,813
Univision Communications, Inc.		
Term Loan, 4.00%, Maturing March 1, 2020	3,748	3,753,581
		\$ 18,693,711
Retailers (Except Food and Drug) 8.6%		
99 Cents Only Stores		
Term Loan, 4.50%, Maturing January 11, 2019	1,916	\$ 1,921,694
B&M Retail Limited		
Term Loan, 3.81%, Maturing May 21, 2019	GBP 350	533,095
Term Loan, 4.31%, Maturing April 28, 2020	GBP 275	420,618
Bass Pro Group, LLC		
Term Loan, 3.75%, Maturing November 20, 2019	2,363	2,379,517
CDW, LLC		
Term Loan, 3.25%, Maturing April 29, 2020	4,877	4,878,919
David s Bridal, Inc.		
Term Loan, 5.25%, Maturing October 11, 2019	621	598,915
Dollar Tree, Inc.		
Term Loan, 4.25%, Maturing March 9, 2022	2,850	2,890,738
Evergreen Acqco 1 L.P.		
Term Loan, 5.00%, Maturing July 9, 2019	656	647,145
Harbor Freight Tools USA, Inc.		
Term Loan, 4.75%, Maturing July 26, 2019	1,072	1,081,207
Hudson s Bay Company		
Term Loan, 4.75%, Maturing November 4, 2020	1,276	1,283,200
J. Crew Group, Inc.		
Term Loan, 4.00%, Maturing March 5, 2021	2,871	2,699,337
Jo-Ann Stores, Inc.		
Term Loan, 4.00%, Maturing March 16, 2018	1,821	1,820,993
Men s Wearhouse, Inc. (The)		
Term Loan, 4.50%, Maturing June 18, 2021	915	926,635
Michaels Stores, Inc.		
Term Loan, 3.75%, Maturing January 28, 2020	2,524	2,535,330
Term Loan, 4.00%, Maturing January 28, 2020	993	999,323
Neiman Marcus Group, Inc. (The)		
Term Loan, 4.25%, Maturing October 25, 2020	4,246	4,263,487
Party City Holdings, Inc.		
Term Loan, 4.00%, Maturing July 27, 2019	2,324	2,333,649
Pep Boys-Manny, Moe & Jack (The)		

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

Term Loan, 4.25%, Maturing October 11, 2018		464	466,054
Petco Animal Supplies, Inc.			
Term Loan, 4.00%, Maturing November 24, 2017		2,164	2,174,287
		Principal Amount*	
Borrower/Tranche Description		(000 s omitted)	Value
Retailers (Except Food and Drug) (continued)			
PetSmart, Inc.			
Term Loan, 5.00%, Maturing March 11, 2022		4,750	\$ 4,814,719
PFS Holding Corporation			
Term Loan, 4.50%, Maturing January 31, 2021		965	868,725
Pier 1 Imports (U.S.), Inc.			
Term Loan, 4.50%, Maturing April 30, 2021		521	519,760
Pilot Travel Centers, LLC			
Term Loan, 4.25%, Maturing October 1, 2021		2,005	2,036,074
Rent-A-Center, Inc.			
Term Loan, 3.75%, Maturing March 19, 2021		495	490,050
Spin Holdco, Inc.			
Term Loan, 4.25%, Maturing November 14, 2019		2,587	2,595,277
Toys R Us Property Company I, LLC			
Term Loan, 6.00%, Maturing August 21, 2019		813	768,946
Vivarte SA			
Term Loan, 11.00%, (4.00% Cash, 7.00% PIK), Maturing October 29, 2019 ⁽⁶⁾	EUR	589	669,585
Term Loan, 5.01%, (1.26% Cash, 3.75% PIK), Maturing October 29, 2020 ⁽⁷⁾	EUR	910	561,821
Wilton Brands, LLC			
Term Loan, 7.50%, Maturing August 30, 2018		533	511,680
			\$ 48,690,780
Steel 1.8%			
FMG Resources (August 2006) Pty. Ltd.			
Term Loan, 3.75%, Maturing June 30, 2019		9,039	\$ 8,186,759
JMC Steel Group, Inc.			
Term Loan, 4.75%, Maturing April 1, 2017		672	671,749
Neenah Foundry Company			
Term Loan, 6.75%, Maturing April 26, 2017		392	388,394
Patriot Coal Corporation			
Term Loan, 9.00%, Maturing December 15, 2018 ⁽³⁾		1,481	813,354
			\$ 10,060,256
Surface Transport 0.8%			
Hertz Corporation (The)			
Term Loan, 4.00%, Maturing March 11, 2018		1,760	\$ 1,768,298
Stena International S.a.r.l.			
Term Loan, 4.00%, Maturing March 3, 2021		1,559	1,429,151
Swift Transportation Co., LLC			
Term Loan, 3.75%, Maturing June 9, 2021		1,163	1,170,157
			\$ 4,367,606

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Telecommunications 4.0%		
CWC Cayman Finance Limited		
Term Loan, 5.50%, Maturing April 28, 2017	400	\$ 401,250
Intelsat Jackson Holdings S.A.		
Term Loan, 3.75%, Maturing June 30, 2019	7,550	7,557,550
IPC Systems, Inc.		
Term Loan, 5.50%, Maturing August 6, 2021	1,675	1,678,665
Mitel US Holdings, Inc.		
Term Loan, 5.00%, Maturing March 31, 2022	750	756,875
SBA Senior Finance II, LLC		
Term Loan, 3.25%, Maturing March 24, 2021	1,811	1,812,162
Syniverse Holdings, Inc.		
Term Loan, 4.00%, Maturing April 23, 2019	1,188	1,154,261
Term Loan, 4.00%, Maturing April 23, 2019	1,776	1,725,738
Telesat Canada		
Term Loan, 3.50%, Maturing March 28, 2019	6,638	6,657,700
Windstream Corporation		
Term Loan, 3.50%, Maturing August 8, 2019	890	889,360
		\$ 22,633,561
Utilities 3.5%		
Calpine Construction Finance Company L.P.		
Term Loan, 3.00%, Maturing May 3, 2020	1,032	\$ 1,027,885
Term Loan, 3.25%, Maturing January 31, 2022	393	392,339
Calpine Corporation		
Term Loan, 4.00%, Maturing April 1, 2018	914	920,733
Term Loan, 4.00%, Maturing April 1, 2018	2,688	2,707,786
Term Loan, 4.00%, Maturing October 9, 2019	804	809,626
Dynegy Holdings, Inc.		
Term Loan, 4.00%, Maturing April 23, 2020	952	957,881
EFS Cogen Holdings I, LLC		
Term Loan, 3.75%, Maturing December 17, 2020	487	490,313
Electrical Components International, Inc.		
Term Loan, 5.75%, Maturing May 28, 2021	871	877,820
Energy Future Intermediate Holding Co., LLC		
DIP Loan, 4.25%, Maturing June 19, 2016	1,725	1,737,218
Granite Acquisition, Inc.		
Term Loan, 5.00%, Maturing December 19, 2021	109	110,242
Term Loan, 5.00%, Maturing December 19, 2021	2,460	2,499,243
La Frontera Generation, LLC		
Term Loan, 4.50%, Maturing September 30, 2020	1,572	1,579,589
Lonestar Generation, LLC		

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

Term Loan, 5.25%, Maturing February 20, 2021	1,322	1,317,983
Longview Power, LLC		
Term Loan, 7.00%, Maturing April 13, 2021	275	278,781

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
-------------------------------------	--	--------------

Utilities (continued)

PowerTeam Services, LLC		
Term Loan, 4.25%, Maturing May 6, 2020	14	\$ 14,025
Term Loan, 4.25%, Maturing May 6, 2020	262	261,891
TPF II Power, LLC		
Term Loan, 5.50%, Maturing October 2, 2021	1,347	1,371,454
WTG Holdings III Corp.		
Term Loan, 4.75%, Maturing January 15, 2021	395	398,210
Term Loan - Second Lien, 8.50%, Maturing January 15, 2022	1,800	1,791,000
		\$ 19,544,019

Total Senior Floating-Rate Interests (identified cost \$804,517,861)		\$ 791,335,976
---	--	-----------------------

Corporate Bonds & Notes 11.5%

Security	Principal Amount* (000 s omitted)	Value
-----------------	--	--------------

Aerospace and Defense 0.1%

CBC Ammo, LLC/CBC FinCo, Inc.		
7.25%, 11/15/21 ⁽⁸⁾	75	\$ 68,625
Orbital ATK, Inc.		
5.25%, 10/1/21 ⁽⁸⁾	45	46,800
TransDigm, Inc.		
7.50%, 7/15/21	10	10,800
6.00%, 7/15/22 ⁽⁸⁾	85	86,275
6.50%, 7/15/24 ⁽⁸⁾	80	81,588
		\$ 294,088

Automotive 0.1%

American Axle & Manufacturing, Inc.		
5.125%, 2/15/19	20	\$ 20,700
FCA US, LLC/CG Co-Issuer, Inc.		
8.25%, 6/15/21	200	221,250
General Motors Financial Co., Inc.		
4.75%, 8/15/17	70	74,024
3.25%, 5/15/18	10	10,252
Navistar International Corp.		
8.25%, 11/1/21	105	104,213
ZF North America Capital, Inc.		
4.50%, 4/29/22 ⁽⁸⁾	150	151,312
		\$ 581,751

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Portfolio of Investments (Unaudited) continued

Security	Principal Amount* (000 s omitted)	Value
Beverage and Tobacco 0.0%		
Constellation Brands, Inc.		
6.00%, 5/1/22	105	\$ 120,750
4.25%, 5/1/23	105	108,281
		\$ 229,031
Brokerage / Securities Dealers / Investment Houses 0.0%		
Alliance Data Systems Corp.		
6.375%, 4/1/20 ⁽⁸⁾	55	\$ 57,406
		\$ 57,406
Building and Development 0.2%		
Building Materials Corp. of America		
5.375%, 11/15/24 ⁽⁸⁾	95	\$ 97,850
Greystar Real Estate Partners, LLC		
8.25%, 12/1/22 ⁽⁸⁾	50	53,125
HD Supply, Inc.		
7.50%, 7/15/20	110	118,525
5.25%, 12/15/21 ⁽⁸⁾	40	41,650
Hillman Group, Inc. (The)		
6.375%, 7/15/22 ⁽⁸⁾	75	75,000
Interline Brands, Inc.		
10.00%, 11/15/18 ⁽¹⁰⁾	102	107,355
Nortek, Inc.		
10.00%, 12/1/18	85	89,250
8.50%, 4/15/21	40	43,400
Reliance Intermediate Holdings, L.P.		
6.50%, 4/1/23 ⁽⁸⁾	120	126,300
TRI Pointe Holdings, Inc.		
4.375%, 6/15/19 ⁽⁸⁾	45	44,494
5.875%, 6/15/24 ⁽⁸⁾	60	59,400
USG Corp.		
5.875%, 11/1/21 ⁽⁸⁾	35	37,712
5.50%, 3/1/25 ⁽⁸⁾	20	21,050
		\$ 915,111

Business Equipment and Services 0.1%

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

Acosta, Inc.			
7.75%, 10/1/22 ⁽⁸⁾	140	\$	143,500
Audatex North America, Inc.			
6.00%, 6/15/21 ⁽⁸⁾	70		72,559
FTI Consulting, Inc.			
6.00%, 11/15/22	40		42,800
IMS Health, Inc.			
6.00%, 11/1/20 ⁽⁸⁾	75		78,187
		Principal	
		Amount*	
Security		(000 s omitted)	Value
Business Equipment and Services (continued)			
ServiceMaster Co. (The)			
7.00%, 8/15/20	26	\$	27,625
7.45%, 8/15/27	45		46,013
TransUnion Holding Co., Inc.			
8.125%, 6/15/18	105		107,362
United Rentals North America, Inc.			
7.625%, 4/15/22	40		44,300
6.125%, 6/15/23	35		36,864
		\$	599,210
Cable and Satellite Television 0.9%			
AMC Networks, Inc.			
7.75%, 7/15/21	45	\$	49,275
4.75%, 12/15/22	35		35,831
CCO Holdings, LLC/CCO Capital Corp.			
5.375%, 5/1/25 ⁽⁸⁾	95		93,575
CCO Holdings, LLC/CCO Holdings Capital Corp.			
5.25%, 9/30/22	155		155,465
5.75%, 1/15/24	10		10,150
CSC Holdings, LLC			
5.25%, 6/1/24 ⁽⁸⁾	10		10,438
DISH DBS Corp.			
6.75%, 6/1/21	185		196,346
5.875%, 7/15/22	35		35,350
5.875%, 11/15/24	30		29,475
IAC/InterActiveCorp			
4.875%, 11/30/18	55		57,200
Numericable Group SA			
4.875%, 5/15/19 ⁽⁸⁾	390		394,629
Unitymedia Hessen GmbH & Co. KG/Unitymedia NRW GmbH			
5.50%, 1/15/23 ⁽⁸⁾	1,000		1,051,250
Virgin Media Secured Finance PLC			
5.375%, 4/15/21 ⁽⁸⁾	833		874,125
6.00%, 4/15/21 ⁽⁸⁾	855	GBP	1,381,826
5.50%, 1/15/25 ⁽⁸⁾	550		562,375
		\$	4,937,310
Chemicals and Plastics 1.3%			
Evolution Escrow Issuer, LLC			
7.50%, 3/15/22 ⁽⁸⁾	35	\$	35,525
Hexion Inc.			
6.625%, 4/15/20	4,450		4,183,000

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Portfolio of Investments (Unaudited) continued

Security	Principal Amount* (000 s omitted)	Value
Chemicals and Plastics (continued)		
Ineos Finance PLC 7.50%, 5/1/20 ⁽⁸⁾	800	\$ 846,440
Platform Specialty Products Corp. 6.50%, 2/1/22 ⁽⁸⁾	60	63,000
Rockwood Specialties Group, Inc. 4.625%, 10/15/20	130	135,687
Trinseo Materials Operating S.C.A. 8.75%, 2/1/19	1,600	1,698,016
Tronox Finance, LLC 6.375%, 8/15/20	155	151,900
W.R. Grace & Co. 5.125%, 10/1/21 ⁽⁸⁾	30	31,350
5.625%, 10/1/24 ⁽⁸⁾	10	10,788
		\$ 7,155,706
Clothing / Textiles 0.0%		
Levi Strauss & Co. 5.00%, 5/1/25 ⁽⁸⁾	25	\$ 25,109
		\$ 25,109
Commercial Services 0.0%		
ExamWorks Group, Inc. 5.625%, 4/15/23	35	\$ 36,466
		\$ 36,466
Conglomerates 0.0%		
Belden, Inc. 5.50%, 9/1/22 ⁽⁸⁾	20	\$ 20,650
Harbinger Group, Inc. 7.875%, 7/15/19	70	74,541
Spectrum Brands, Inc. 6.375%, 11/15/20	50	53,250
6.625%, 11/15/22	30	32,250
TMS International Corp. 7.625%, 10/15/21 ⁽⁸⁾	45	45,225

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

\$ 225,916

Containers and Glass Products 0.7%

Beverage Packaging Holdings Luxembourg II SA/Beverage Packaging Holdings II Issuer, Inc.

5.625%, 12/15/16⁽⁸⁾ 15 \$ 15,225

Reynolds Group Holdings, Inc.

5.75%, 10/15/20 3,875 4,059,062

**Principal
Amount***
(000 s omitted) Value

Security

Containers and Glass Products (continued)

Sealed Air Corp.

8.375%, 9/15/21⁽⁸⁾ 10 \$ 11,325

\$ 4,085,612

Cosmetics / Toiletries 0.1%

Alphabet Holding Co., Inc.

7.75%, 11/1/17⁽¹⁰⁾ 235 \$ 234,412

Party City Holdings, Inc.

8.875%, 8/1/20 120 130,350

\$ 364,762

Distribution & Wholesale 0.0%

American Tire Distributors, Inc.

10.25%, 3/1/22⁽⁸⁾ 70 \$ 73,675

\$ 73,675

Drugs 0.1%

ConvaTec Finance International SA

8.25%, 1/15/19⁽⁸⁾⁽¹⁰⁾ 200 \$ 201,875

Valeant Pharmaceuticals International, Inc.

6.375%, 10/15/20⁽⁸⁾ 200 211,500

7.50%, 7/15/21⁽⁸⁾ 50 54,375

5.50%, 3/1/23⁽⁸⁾ 30 30,375

\$ 498,125

Ecological Services and Equipment 0.0%

ADS Waste Holdings, Inc.

8.25%, 10/1/20 50 \$ 53,125

Clean Harbors, Inc.

5.25%, 8/1/20 50 51,750

5.125%, 6/1/21 25 25,625

Covanta Holding Corp.

5.875%, 3/1/24 25 26,000

\$ 156,500

Electronics / Electrical 0.2%

Alcatel-Lucent USA, Inc.

4.625%, 7/1/17⁽⁸⁾ 35 \$ 36,225

8.875%, 1/1/20⁽⁸⁾ 260 287,625

BMC Software Finance, Inc.

8.125%, 7/15/21⁽⁸⁾ 40 36,900

CommScope Holding Co., Inc.

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

6.625%, 6/1/20⁽⁸⁾(10)

55

56,584

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Portfolio of Investments (Unaudited) continued

Security	Principal Amount* (000 s omitted)	Value
Electronics / Electrical (continued)		
Freescale Semiconductor, Inc. 6.00%, 1/15/22 ⁽⁸⁾	55	\$ 59,554
Infor US, Inc. 6.50%, 5/15/22 ⁽⁸⁾	30	30,900
Micron Technology, Inc. 5.25%, 8/1/23 ⁽⁸⁾	65	65,390
Nuance Communications, Inc. 5.375%, 8/15/20 ⁽⁸⁾	120	121,800
Sensata Technologies B.V. 5.625%, 11/1/24 ⁽⁸⁾	15	16,069
Zebra Technologies Corp. 7.25%, 10/15/22 ⁽⁸⁾	100	108,250
		\$ 819,297
Equipment Leasing 0.3%		
International Lease Finance Corp. 8.625%, 9/15/15	1,000	\$ 1,025,000
6.75%, 9/1/16 ⁽⁸⁾	350	371,000
7.125%, 9/1/18 ⁽⁸⁾	350	397,250
		\$ 1,793,250
Financial Intermediaries 0.9%		
CIT Group, Inc. 5.50%, 2/15/19 ⁽⁸⁾	45	\$ 47,053
5.375%, 5/15/20	10	10,613
First Data Corp. 7.375%, 6/15/19 ⁽⁸⁾	1,000	1,041,750
6.75%, 11/1/20 ⁽⁸⁾	962	1,026,935
11.25%, 1/15/21	42	47,355
10.625%, 6/15/21	42	47,867
11.75%, 8/15/21	56	63,964
Ford Motor Credit Co., LLC 12.00%, 5/15/15	2,250	2,256,502
Icahn Enterprises, LP/Icahn Enterprises Finance Corp. 3.50%, 3/15/17	45	45,338
6.00%, 8/1/20	40	42,208
JPMorgan Chase & Co. 6.75% to 2/1/24, 1/29/49 ⁽¹¹⁾	80	87,784
Navient Corp.		

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

5.50%, 1/15/19		160	163,040
5.00%, 10/26/20		30	29,325
5.875%, 10/25/24		30	28,425
		Principal Amount*	
Security		(000 s omitted)	Value
Financial Intermediaries (continued)			
UPCB Finance II, Ltd.			
6.375%, 7/1/20 ⁽⁸⁾	EUR	253	\$ 296,481
			\$ 5,234,640
Food Products 0.9%			
Dean Foods Co.			
6.50%, 3/15/23 ⁽⁸⁾		45	\$ 46,462
Iceland Bondco PLC			
4.822%, 7/15/20 ⁽⁸⁾⁽¹²⁾	GBP	3,750	4,892,811
Pilgrim s Pride Corp.			
5.75%, 3/15/25 ⁽⁸⁾		60	61,650
Post Holdings, Inc.			
6.75%, 12/1/21 ⁽⁸⁾		30	30,420
6.00%, 12/15/22 ⁽⁸⁾		35	34,256
WhiteWave Foods Co. (The)			
5.375%, 10/1/22		25	26,938
			\$ 5,092,537
Food / Drug Retailers 0.0%			
Rite Aid Corp.			
6.125%, 4/1/23 ⁽⁸⁾		115	\$ 119,744
			\$ 119,744
Health Care 1.1%			
Alere, Inc.			
7.25%, 7/1/18		10	\$ 10,663
8.625%, 10/1/18		45	46,800
6.50%, 6/15/20		35	36,663
Amsurg Corp.			
5.625%, 11/30/20		50	51,437
5.625%, 7/15/22		45	45,909
Biomet, Inc.			
6.50%, 8/1/20		170	180,412
Capsugel SA			
7.00%, 5/15/19 ⁽⁸⁾⁽¹⁰⁾		25	25,547
Centene Corp.			
4.75%, 5/15/22		20	21,075
CHS/Community Health Systems, Inc.			
5.125%, 8/15/18		2,190	2,277,600
7.125%, 7/15/20		120	128,850
6.875%, 2/1/22 ⁽⁸⁾		110	117,287
Concordia Healthcare Corp.			
7.00%, 4/15/23 ⁽⁸⁾		15	15,263

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Portfolio of Investments (Unaudited) continued

Security	Principal Amount* (000 s omitted)	Value
Health Care (continued)		
DJO Finco, Inc./DJO Finance, LLC/DJO Finance Corp. 8.125%, 6/15/21 ⁽⁸⁾⁽¹³⁾	50	\$ 50,875
HCA Holdings, Inc. 6.25%, 2/15/21	85	93,032
HCA, Inc. 6.50%, 2/15/20	15	17,138
4.75%, 5/1/23	1,050	1,105,125
Hologic, Inc. 6.25%, 8/1/20	245	255,106
Kinetic Concepts, Inc./KCI USA, Inc. 10.50%, 11/1/18	45	48,544
Mallinckrodt International Finance S.A. 4.875%, 4/15/20 ⁽⁸⁾	30	30,638
5.50%, 4/15/25 ⁽⁸⁾	30	30,750
MPH Acquisition Holdings, LLC 6.625%, 4/1/22 ⁽⁸⁾	175	184,189
Opal Acquisition, Inc. 8.875%, 12/15/21 ⁽⁸⁾	60	60,825
Salix Pharmaceuticals, Ltd. 6.50%, 1/15/21 ⁽⁸⁾	65	73,816
Surgical Care Affiliates, Inc. 6.00%, 4/1/23 ⁽⁸⁾	35	35,963
Teleflex, Inc. 5.25%, 6/15/24	20	20,250
Tenet Healthcare Corp. 6.00%, 10/1/20	55	58,850
4.375%, 10/1/21	600	595,500
8.125%, 4/1/22	105	114,844
United Surgical Partners International, Inc. 9.00%, 4/1/20	60	64,725
VWR Funding, Inc. 7.25%, 9/15/17	90	94,387
WellCare Health Plans, Inc. 5.75%, 11/15/20	95	101,222
		\$ 5,993,285
Holding Company Diversified 0.0%		
Argos Merger Sub, Inc. 7.125%, 3/15/23 ⁽⁸⁾	80	\$ 84,200
HRG Group, Inc. 7.875%, 7/15/19 ⁽⁸⁾	20	21,298

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

Security	Principal Amount* (000 s omitted)	Value
	\$ 105,498	
Home Furnishings 0.0%		
Tempur Sealy International, Inc. 6.875%, 12/15/20	40	\$ 42,800
		\$ 42,800
Industrial Equipment 0.0%		
BlueLine Rental Finance Corp. 7.00%, 2/1/19 ⁽⁸⁾	50	\$ 51,255
Erikson Air-Crane, Inc., Promissory Note 6.00%, 11/2/20 ⁽³⁾⁽¹⁴⁾	72	43,024
Manitowoc Co., Inc. (The) 5.875%, 10/15/22	40	43,300
Vander Intermediate Holding II Corp. 9.75%, 2/1/19 ⁽⁸⁾⁽¹⁰⁾	55	55,825
		\$ 193,404
Insurance 0.3%		
A-S Co-Issuer Subsidiary, Inc./A-S Merger Sub, LLC 7.875%, 12/15/20 ⁽⁸⁾	55	\$ 56,925
CNO Financial Group, Inc. 6.375%, 10/1/20 ⁽⁸⁾	1,050	1,115,625
Hub Holdings, LLC/Hub Holdings Finance, Inc. 8.125%, 7/15/19 ⁽⁸⁾⁽¹⁰⁾	45	45,169
Hub International, Ltd. 7.875%, 10/1/21 ⁽⁸⁾	60	61,950
USI, Inc. 7.75%, 1/15/21 ⁽⁸⁾	100	103,000
		\$ 1,382,669
Internet Software & Services 0.0%		
Netflix, Inc. 5.50%, 2/15/22 ⁽⁸⁾	80	\$ 84,600
5.875%, 2/15/25 ⁽⁸⁾	115	123,050
		\$ 207,650
Leisure 0.0%		
Sabre GLBL, Inc. 5.375%, 4/15/23 ⁽⁸⁾	25	\$ 25,625
		\$ 25,625
Leisure Goods / Activities / Movies 0.2%		
Activision Blizzard, Inc. 6.125%, 9/15/23 ⁽⁸⁾	35	\$ 38,653

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Portfolio of Investments (Unaudited) continued

Security	Principal Amount* (000 s omitted)	Value
Leisure Goods / Activities / Movies (continued)		
National CineMedia, LLC 6.00%, 4/15/22	790	\$ 821,600
NCL Corp., Ltd. 5.00%, 2/15/18	30	30,750
5.25%, 11/15/19 ⁽⁸⁾	25	25,938
Regal Entertainment Group 5.75%, 3/15/22	30	30,937
Royal Caribbean Cruises, Ltd. 7.25%, 6/15/16	25	26,563
7.25%, 3/15/18	50	55,685
Viking Cruises, Ltd. 8.50%, 10/15/22 ⁽⁸⁾	90	100,233
		\$ 1,130,359
Lodging and Casinos 0.7%		
Buffalo Thunder Development Authority 11.00%, 12/9/22 ⁽⁸⁾	224	\$ 185,865
Caesars Entertainment Operating Co., Inc. 8.50%, 2/15/20 ⁽⁴⁾	2,100	1,617,000
9.00%, 2/15/20 ⁽⁴⁾	1,675	1,293,937
GLP Capital, LP/GLP Financing II, Inc. 4.875%, 11/1/20	75	76,687
Hilton Worldwide Finance, LLC/Hilton Worldwide Finance Corp. 5.625%, 10/15/21	110	116,600
MGM Resorts International 6.625%, 12/15/21	90	96,750
7.75%, 3/15/22	30	33,825
6.00%, 3/15/23	65	67,600
Penn National Gaming, Inc. 5.875%, 11/1/21	45	45,113
Station Casinos, LLC 7.50%, 3/1/21	55	59,538
Tunica-Biloxi Gaming Authority 9.00%, 11/15/15 ⁽⁸⁾	310	172,050
		\$ 3,764,965
Manufacturing 0.0%		
Bombardier, Inc. 5.50%, 9/15/18 ⁽⁸⁾	30	\$ 30,450

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

7.50%, 3/15/25 ⁽⁸⁾	45	44,775
		\$ 75,225
		Principal Amount*
Security	(000 s omitted)	Value
Nonferrous Metals / Minerals 0.1%		
Alpha Natural Resources, Inc.		
7.50%, 8/1/20 ⁽⁸⁾	15	\$ 5,550
CONSOL Energy, Inc.		
5.875%, 4/15/22	30	27,825
Eldorado Gold Corp.		
6.125%, 12/15/20 ⁽⁸⁾	120	118,800
IAMGOLD Corp.		
6.75%, 10/1/20 ⁽⁸⁾	65	55,900
Imperial Metals Corp.		
7.00%, 3/15/19 ⁽⁸⁾	30	30,000
Kissner Milling Co., Ltd.		
7.25%, 6/1/19 ⁽⁸⁾	90	92,812
New Gold, Inc.		
6.25%, 11/15/22 ⁽⁸⁾	70	69,650
SunCoke Energy Partners, LP/SunCoke Energy Partners Finance Corp.		
7.375%, 2/1/20 ⁽⁸⁾	55	56,788
		\$ 457,325
Oil and Gas 0.8%		
Antero Resources Corp.		
5.625%, 6/1/23 ⁽⁸⁾	30	\$ 30,750
Antero Resources Finance Corp.		
6.00%, 12/1/20	15	15,394
5.375%, 11/1/21	100	101,500
Berry Petroleum Co.		
6.375%, 9/15/22	10	8,275
Blue Racer Midstream, LLC/Blue Racer Finance Corp.		
6.125%, 11/15/22 ⁽⁸⁾	35	36,575
Bonanza Creek Energy, Inc.		
6.75%, 4/15/21	70	71,575
California Resources Corp.		
5.50%, 9/15/21	45	42,862
6.00%, 11/15/24	5	4,731
Chesapeake Energy Corp.		
7.25%, 12/15/18	90	96,975
6.125%, 2/15/21	115	116,150
CITGO Petroleum Corp.		
6.25%, 8/15/22 ⁽⁸⁾	700	689,500
Concho Resources, Inc.		
5.50%, 4/1/23	240	244,500
CrownRock, LP/CrownRock Finance, Inc.		
7.125%, 4/15/21 ⁽⁸⁾	90	93,600
7.75%, 2/15/23 ⁽⁸⁾	60	63,900

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Portfolio of Investments (Unaudited) continued

Security	Principal Amount* (000 s omitted)	Value
Oil and Gas (continued)		
CVR Refining, LLC/Coffeyville Finance, Inc. 6.50%, 11/1/22	130	\$ 131,950
Denbury Resources, Inc. 5.50%, 5/1/22	20	19,050
Endeavor Energy Resources, LP/EER Finance, Inc. 7.00%, 8/15/21 ⁽⁸⁾	95	95,237
8.125%, 9/15/23 ⁽⁸⁾	25	26,062
Energy Transfer Equity, LP 5.875%, 1/15/24	65	68,575
EP Energy, LLC/Everest Acquisition Finance, Inc. 6.875%, 5/1/19	65	67,302
9.375%, 5/1/20	210	225,750
7.75%, 9/1/22	65	68,575
GenCorp, Inc. 7.125%, 3/15/21	70	75,425
Gulfport Energy Corp. 7.75%, 11/1/20	95	100,700
6.625%, 5/1/23 ⁽⁸⁾	30	30,675
Halcon Resources Corp. 8.625%, 2/1/20 ⁽⁸⁾⁽¹³⁾	20	20,850
Laredo Petroleum, Inc. 7.375%, 5/1/22	110	118,250
6.25%, 3/15/23	15	15,600
Matador Resources Co. 6.875%, 4/15/23 ⁽⁸⁾	15	15,469
MEG Energy Corp. 6.375%, 1/30/23 ⁽⁸⁾	80	78,700
Memorial Resource Development Corp. 5.875%, 7/1/22 ⁽⁸⁾	120	117,000
Newfield Exploration Co. 5.625%, 7/1/24	120	127,800
Oasis Petroleum, Inc. 6.875%, 3/15/22 ⁽⁸⁾	30	30,675
6.875%, 1/15/23	135	137,700
Precision Drilling Corp. 6.50%, 12/15/21	5	4,913
Rice Energy, Inc. 7.25%, 5/1/23 ⁽⁸⁾	15	15,675
Rosetta Resources, Inc. 5.625%, 5/1/21	60	60,375
5.875%, 6/1/22	85	85,212
RSP Permian, Inc. 6.625%, 10/1/22 ⁽⁸⁾	80	83,440
Security		Value

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

	Principal Amount*	
	(000 s omitted)	
Oil and Gas (continued)		
Sabine Pass Liquefaction, LLC		
5.625%, 2/1/21	170	\$ 174,711
5.625%, 4/15/23	100	101,500
5.625%, 3/1/25 ⁽⁸⁾	95	95,831
Sabine Pass LNG, LP		
6.50%, 11/1/20	100	105,000
Samson Investment Co.		
9.75%, 2/15/20 ⁽⁸⁾	25	3,156
Seven Generations Energy, Ltd.		
8.25%, 5/15/20 ⁽⁸⁾	140	150,850
6.75%, 5/1/23 ⁽⁸⁾	60	61,350
Seventy Seven Energy, Inc.		
6.50%, 7/15/22	35	20,650
SM Energy Co.		
6.125%, 11/15/22 ⁽⁸⁾	25	26,375
6.50%, 1/1/23	80	84,400
Sunoco, LP/Sunoco Finance Corp.		
6.375%, 4/1/23 ⁽⁸⁾	45	47,025
Tesoro Corp.		
5.375%, 10/1/22	90	94,500
Tesoro Logistics, LP/Tesoro Logistics Finance Corp.		
5.50%, 10/15/19 ⁽⁸⁾	15	15,938
6.25%, 10/15/22 ⁽⁸⁾	35	37,319
Triangle USA Petroleum Corp.		
6.75%, 7/15/22 ⁽⁸⁾	35	30,100
Williams Partners, LP/ACMP Finance Corp.		
4.875%, 3/15/24	10	10,266
		\$ 4,496,218
Pharmaceuticals 0.1%		
VRX Escrow Corp.		
5.875%, 5/15/23 ⁽⁸⁾	160	\$ 164,200
6.125%, 4/15/25 ⁽⁸⁾	160	166,000
		\$ 330,200
Publishing 0.1%		
Laureate Education, Inc.		
10.00%, 9/1/19 ⁽⁸⁾	595	\$ 583,100
McGraw-Hill Global Education Holdings, LLC/McGraw-Hill Global Education Finance		
9.75%, 4/1/21	145	161,312
MHGE Parent, LLC/MHGE Parent Finance, Inc.		
8.50%, 8/1/19 ⁽⁸⁾⁽¹⁰⁾	30	30,863
		\$ 775,275

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Portfolio of Investments (Unaudited) continued

Security	Principal Amount* (000 s omitted)	Value
Radio and Television 0.4%		
Clear Channel Worldwide Holdings, Inc.		
Series A, 6.50%, 11/15/22	50	\$ 52,625
Series B, 6.50%, 11/15/22	90	95,625
Crown Media Holdings, Inc.		
10.50%, 7/15/19	110	117,563
iHeartCommunications, Inc.		
9.00%, 12/15/19	953	945,852
11.25%, 3/1/21	60	61,425
Nielsen Co. Luxembourg S.a.r.l. (The)		
5.50%, 10/1/21 ⁽⁸⁾	35	36,050
Sirius XM Radio, Inc.		
5.875%, 10/1/20 ⁽⁸⁾	25	26,156
6.00%, 7/15/24 ⁽⁸⁾	85	88,400
Starz, LLC/Starz Finance Corp.		
5.00%, 9/15/19	70	72,188
Univision Communications, Inc.		
6.75%, 9/15/22 ⁽⁸⁾	746	803,852
5.125%, 5/15/23 ⁽⁸⁾	30	30,488
		\$ 2,330,224
Real Estate Investment Trusts (REITs) 0.0%		
Communications Sales & Leasing, Inc.		
6.00%, 4/15/23 ⁽⁸⁾	5	\$ 5,033
Communications Sales & Leasing, Inc.		
8.25%, 10/15/23 ⁽⁸⁾	20	20,575
RHP Hotel Properties, LP/RHP Finance Corp.		
5.00%, 4/15/23 ⁽⁸⁾	30	30,525
		\$ 56,133
Retail 0.0%		
Chinos Intermediate Holdings A, Inc.		
7.75%, 5/1/19 ⁽⁸⁾⁽¹⁰⁾	35	\$ 30,166
Family Tree Escrow, LLC		
5.25%, 3/1/20 ⁽⁸⁾	45	47,362
5.75%, 3/1/23 ⁽⁸⁾	165	174,075
		\$ 251,603

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

Retailers (Except Food and Drug) 0.2%

1011778 B.C. Unlimited Liability Company/New Red Finance, Inc.

6.00%, 4/1/22⁽⁸⁾

125 \$ 129,687

Hot Topic, Inc.

9.25%, 6/15/21⁽⁸⁾

150 163,500

**Principal
Amount***

Security

(000 s omitted) Value

Retailers (Except Food and Drug) (continued)

Levi Strauss & Co.

6.875%, 5/1/22

65 \$ 71,419

Michaels FinCo Holdings, LLC/Michaels FinCo, Inc.

7.50%, 8/1/18⁽⁸⁾⁽¹⁰⁾

26 26,553

Michaels Stores, Inc.

5.875%, 12/15/20⁽⁸⁾

45 46,912

Murphy Oil USA, Inc.

6.00%, 8/15/23

135 145,125

Neiman Marcus Group, Ltd., LLC

8.75%, 10/15/21⁽⁸⁾⁽¹⁰⁾

40 43,200

New Academy Finance Co., LLC/New Academy Finance Corp.

8.00%, 6/15/18⁽⁸⁾⁽¹⁰⁾

115 116,150

Petco Holdings, Inc.

8.50%, 10/15/17⁽⁸⁾⁽¹⁰⁾

120 123,900

Radio Systems Corp.

8.375%, 11/1/19⁽⁸⁾

60 64,875

Sally Holdings, LLC/Sally Capital, Inc.

5.75%, 6/1/22

50 53,250

\$ 984,571

Road & Rail 0.0%

Florida East Coast Holdings Corp.

6.75%, 5/1/19⁽⁸⁾

25 \$ 24,938

WatCo Cos., LLC/WatCo Finance Corp.

6.375%, 4/1/23⁽⁸⁾

35 35,656

\$ 60,594

Software and Services 0.0%

HIS, Inc.

5.00%, 11/1/22⁽⁸⁾

60 \$ 60,300

Infor Software Parent, LLC/Infor Software Parent, Inc.

7.125%, 5/1/21⁽⁸⁾⁽¹⁰⁾

90 90,563

SunGard Availability Services Capital, Inc.

8.75%, 4/1/22⁽⁸⁾

70 49,700

\$ 200,563

Steel 0.0%

AK Steel Corp.

8.75%, 12/1/18

35 \$ 37,232

ArcelorMittal

7.00%, 2/25/22

25 27,281

\$ 64,513

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Portfolio of Investments (Unaudited) continued

Security	Principal Amount* (000 s omitted)	Value
Surface Transport 0.1%		
Hertz Corp. (The) 6.25%, 10/15/22	65	\$ 67,600
XPO Logistics, Inc. 7.875%, 9/1/19 ⁽⁸⁾	190	203,062
		\$ 270,662
Technology 0.0%		
Micron Technology, Inc. 5.625%, 1/15/26 ⁽⁸⁾	85	\$ 84,575
		\$ 84,575
Telecommunications 1.0%		
Avaya, Inc. 9.00%, 4/1/19 ⁽⁸⁾	45	\$ 46,688
10.50%, 3/1/21 ⁽⁸⁾	425	376,523
CenturyLink, Inc. 6.75%, 12/1/23	55	59,703
Equinix, Inc. 5.375%, 1/1/22	50	52,125
Frontier Communications Corp. 6.25%, 9/15/21	45	44,775
7.625%, 4/15/24	30	30,713
6.875%, 1/15/25	45	43,695
Hughes Satellite Systems Corp. 6.50%, 6/15/19	1,000	1,102,500
Intelsat Jackson Holdings SA 7.25%, 10/15/20	160	165,380
Intelsat Luxembourg SA 7.75%, 6/1/21	185	170,894
8.125%, 6/1/23	90	81,619
NII International Telecom S.C.A. 7.875%, 8/15/19 ⁽⁴⁾⁽⁸⁾	40	37,200
SBA Telecommunications, Inc. 5.75%, 7/15/20	145	152,612
Sprint Communications, Inc. 7.00%, 8/15/20	655	666,462
6.00%, 11/15/22	5	4,719
Sprint Corp. 7.25%, 9/15/21	60	60,375

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

7.875%, 9/15/23	250	251,562
7.625%, 2/15/25	45	44,366
T-Mobile USA, Inc.		
6.25%, 4/1/21	40	41,950
6.633%, 4/28/21	50	52,937

Security	Principal Amount* (000 s omitted)	Value
----------	---	-------

Telecommunications (continued)

T-Mobile USA, Inc. (continued)

6.731%, 4/28/22	20	\$ 21,150
6.625%, 4/1/23	55	57,376
6.375%, 3/1/25	55	56,622

Wind Acquisition Finance SA

5.245%, 4/30/19 ⁽⁸⁾⁽¹²⁾	EUR	500	568,274
6.50%, 4/30/20 ⁽⁸⁾		475	504,094
4.011%, 7/15/20 ⁽⁸⁾	EUR	475	534,687

Windstream Corp.

7.75%, 10/1/21		80	79,000
6.375%, 8/1/23		40	35,450

\$ 5,343,451

Utilities 0.5%

AES Corp. (The)

5.50%, 3/15/24	25	\$ 25,125
----------------	----	-----------

Air Medical Merger Sub Corp.

6.375%, 5/15/23 ⁽⁸⁾	20	19,475
--------------------------------	----	--------

Calpine Corp.

5.375%, 1/15/23	50	50,687
7.875%, 1/15/23 ⁽⁸⁾	2,339	2,584,595
5.75%, 1/15/25	20	20,176

Dynegy, Inc.

6.75%, 11/1/19 ⁽⁸⁾	80	84,000
7.375%, 11/1/22 ⁽⁸⁾	65	69,550
7.625%, 11/1/24 ⁽⁸⁾	55	59,400

\$ 2,913,008

Total Corporate Bonds & Notes

(identified cost \$65,891,870)

\$ 64,835,641

Asset-Backed Securities 4.4%

Security	Principal Amount (000 s omitted)	Value
Apidos CLO XVII, Series 2014-17A, Class B, 3.124%, 4/17/26 ⁽⁸⁾⁽¹²⁾	\$ 450	\$ 442,901
Apidos CLO XVII, Series 2014-17A, Class C, 3.574%, 4/17/26 ⁽⁸⁾⁽¹²⁾	1,000	949,483
Apidos CLO XVII, Series 2014-17A, Class D, 5.024%, 4/17/26 ⁽⁸⁾⁽¹²⁾	1,000	888,306
Apidos CLO XIX, Series 2014-19A, Class E, 5.724%, 10/17/26 ⁽⁸⁾⁽¹²⁾	2,100	1,951,372
Ares CLO, Ltd., Series 2014-32A, Class D, 5.945%, 11/15/25 ⁽⁸⁾⁽¹²⁾	2,000	1,904,271

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Portfolio of Investments (Unaudited) continued

Security	Principal Amount (000 s omitted)	Value
Babson CLO, Ltd., Series 2013-IA, Class C, 2.975%, 4/20/25 ⁽⁸⁾⁽¹²⁾	\$ 450	\$ 446,851
Babson CLO, Ltd., Series 2013-IA, Class D, 3.775%, 4/20/25 ⁽⁸⁾⁽¹²⁾	350	343,071
Babson CLO, Ltd., Series 2013-IA, Class E, 4.675%, 4/20/25 ⁽⁸⁾⁽¹²⁾	225	203,151
Birchwood Park CLO, Ltd., Series 2014-1A, Class C1, 3.375%, 7/15/26 ⁽⁸⁾⁽¹²⁾	500	500,957
Birchwood Park CLO, Ltd., Series 2014-1A, Class E1, 5.375%, 7/15/26 ⁽⁸⁾⁽¹²⁾	500	458,684
Carlyle Global Market Strategies CLO, Ltd., Series 2014-4A, Class E, 5.45%, 10/15/26 ⁽⁸⁾⁽¹²⁾	2,000	1,854,207
Cent CLO, LP, Series 2014-22A, Class D, 5.533%, 11/07/26 ⁽⁸⁾⁽¹²⁾	1,000	922,992
Centurion CDO IX Ltd., Series 2005-9A, Class D1, 5.024%, 7/17/19 ⁽⁸⁾⁽¹²⁾	750	733,602
CIFC Funding, Ltd., Series 2013-2A, Class A3L, 2.925%, 4/21/25 ⁽⁸⁾⁽¹²⁾	2,650	2,617,283
Dryden XXVIII Senior Loan Fund, Series 2013-28A, Class A3L, 2.957%, 8/15/25 ⁽⁸⁾⁽¹²⁾	1,500	1,489,166
Dryden XXVIII Senior Loan Fund, Series 2013-28A, Class B1L, 3.457%, 8/15/25 ⁽⁸⁾⁽¹²⁾	640	618,154
Dryden XXVIII Senior Loan Fund, Series 2013-28A, Class B2L, 4.157%, 8/15/25 ⁽⁸⁾⁽¹²⁾	430	373,155
Oak Hill Credit Partners VIII Ltd., Series 2013-8A, Class C, 2.975%, 4/20/25 ⁽⁸⁾⁽¹²⁾	400	395,386
Oak Hill Credit Partners VIII Ltd., Series 2013-8A, Class D, 3.775%, 4/20/25 ⁽⁸⁾⁽¹²⁾	450	438,367
Octagon Investment Partners XVI Ltd., Series 2013-1A, Class C1, 3.024%, 7/17/25 ⁽⁸⁾⁽¹²⁾	925	909,952
Octagon Investment Partners XVI Ltd., Series 2013-1A, Class D, 3.624%, 7/17/25 ⁽⁸⁾⁽¹²⁾	925	885,510
Octagon Investment Partners XVI Ltd., Series 2013-1A, Class E, 4.774%, 7/17/25 ⁽⁸⁾⁽¹²⁾	1,125	998,584
Race Point CLO, Ltd., Series 2012-7A, Class D, 4.505%, 11/08/24 ⁽⁸⁾⁽¹²⁾	1,750	1,751,273
Schiller Park CLO Ltd., Series 2007-1A, Class D, 2.406%, 4/25/21 ⁽⁸⁾⁽¹²⁾	1,000	990,760
Ziggurat CLO, Ltd., Series 2014-1A, Class E, 5.275%, 10/17/26 ⁽⁸⁾⁽¹²⁾	2,000	1,760,061
Total Asset-Backed Securities (identified cost \$24,951,594)		\$ 24,827,499

Common Stocks 0.6%

Security	Shares	Value
Aerospace and Defense 0.0%		
IAP Worldwide Services, LLC ⁽³⁾⁽¹⁴⁾⁽¹⁵⁾	55	\$ 60,726
		\$ 60,726
Automotive 0.1%		
Dayco Products, LLC ⁽¹⁴⁾	18,702	\$ 696,650
		\$ 696,650

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

<p>Building and Development 0.1%</p> <p>Panoram Holdings Co.⁽³⁾⁽¹⁵⁾⁽¹⁶⁾</p>	253	\$ 222,174	
			\$ 222,174
<p>Business Equipment and Services 0.0%</p> <p>Education Management Corp.⁽³⁾⁽¹⁴⁾⁽¹⁵⁾</p>	3,185,850	\$ 86,018	
			\$ 86,018
<p>Food Service 0.0%</p> <p>Buffets Restaurants Holdings, Inc.⁽³⁾⁽¹⁴⁾⁽¹⁵⁾</p>	44,318	\$ 18,170	
			\$ 18,170
<p>Lodging and Casinos 0.1%</p> <p>Tropicana Entertainment, Inc.⁽¹⁴⁾⁽¹⁵⁾</p>	35,670	\$ 561,803	
			\$ 561,803
<p>Publishing 0.3%</p> <p>ION Media Networks, Inc.⁽³⁾⁽¹⁴⁾</p> <p>MediaNews Group, Inc.⁽³⁾⁽¹⁴⁾⁽¹⁵⁾</p>	3,990	\$ 1,436,360	
	10,718	412,640	
			\$ 1,849,000
<p>Total Common Stocks</p> <p>(identified cost \$1,728,767)</p>			\$ 3,494,541
<p>Convertible Preferred Stocks 0.0%</p>			
<p>Security</p>	Shares	Value	
<p>Business Equipment and Services 0.0%</p> <p>Education Management Corp., Series A-1, 7.50%⁽¹⁴⁾⁽¹⁵⁾</p>	3,545	\$ 232,789	
<p>Total Convertible Preferred Stocks</p> <p>(identified cost \$250,194)</p>			\$ 232,789
<p>Closed-End Funds 1.9%</p>			
<p>Security</p>	Shares	Value	
<p>BlackRock Floating Rate Income Strategies Fund, Inc.</p>	98,319	\$ 1,374,500	
<p>Invesco Van Kampen Senior Income Trust</p>	483,234	2,276,032	
<p>Nuveen Credit Strategies Income Trust</p>	276,839	2,513,698	
<p>Nuveen Floating Rate Income Fund</p>	119,086	1,356,390	

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Portfolio of Investments (Unaudited) continued

Security	Shares	Value
Nuveen Floating Rate Income Opportunity Fund	103,281	\$ 1,199,092
Voya Prime Rate Trust	338,021	1,903,058
Total Closed-End Funds (identified cost \$10,682,971)		\$ 10,622,770

Miscellaneous 0.0%

Security	Principal Amount/ Shares	Value
Lodging and Casinos 0.0%		
Buffalo Thunder Development Authority, Residual Claim Certificates, Expires 11/15/29 ⁽³⁾⁽⁸⁾⁽¹⁵⁾	\$ 99,528	\$ 1,493
		\$ 1,493
Oil and Gas 0.0%		
SemGroup Corp., Escrow Certificate ⁽¹⁵⁾	540,000	\$ 1,350
		\$ 1,350
Total Miscellaneous (identified cost \$0)		\$ 2,843

Short-Term Investments 0.8%

Description	Interest (000 s omitted)	Value
Eaton Vance Cash Reserves Fund, LLC, 0.17% ⁽¹⁷⁾	\$ 4,763	\$ 4,762,897
Total Short-Term Investments (identified cost \$4,762,897)		\$ 4,762,897

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

Total Investments 159.5% (identified cost \$912,786,154)	\$ 900,114,956
Other Assets, Less Liabilities (36.2)%	\$ (204,642,730)
Auction Preferred Shares Plus Cumulative Unpaid Dividends (23.3)%	\$ (131,304,107)
Net Assets Applicable to Common Shares 100.0%	\$ 564,168,119

The percentage shown for each investment category in the Portfolio of Investments is based on net assets applicable to common shares.

CAD	Canadian Dollar
DIP	Debtor In Possession
EUR	Euro
GBP	British Pound Sterling
PIK	Payment In Kind

* In U.S. dollars unless otherwise indicated.

- (1) Senior floating-rate interests (Senior Loans) often require prepayments from excess cash flows or permit the borrowers to repay at their election. The degree to which borrowers repay, whether as a contractual requirement or at their election, cannot be predicted with accuracy. As a result, the actual remaining maturity may be substantially less than the stated maturities shown. However, Senior Loans will have an expected average life of approximately two to four years. The stated interest rate represents the weighted average interest rate of all contracts within the senior loan facility and includes commitment fees on unfunded loan commitments, if any. Senior Loans typically have rates of interest which are redetermined either daily, monthly, quarterly or semi-annually by reference to a base lending rate, plus a premium. These base lending rates are primarily the London Interbank Offered Rate (LIBOR) and secondarily, the prime rate offered by one or more major United States banks (the Prime Rate) and the certificate of deposit (CD) rate or other base lending rates used by commercial lenders.
- (2) This Senior Loan will settle after April 30, 2015, at which time the interest rate will be determined.
- (3) For fair value measurement disclosure purposes, security is categorized as Level 3 (see Note 12).
- (4) Currently the issuer is in default with respect to interest and/or principal payments or has filed for bankruptcy. For a variable rate security, interest rate has been adjusted to reflect non-accrual status.
- (5) The issuer is in default on the payment of principal but continues to pay interest.
- (6) Includes new money preferred shares that trade with the loan.
- (7) Includes Vivarte Class A preferred shares, Vivarte Class B ordinary shares and Luxco ordinary shares that trade with the loan.
- (8) Security exempt from registration pursuant to Rule 144A under the Securities Act of 1933. These securities may be sold in certain transactions (normally to qualified institutional buyers) and remain exempt from registration. At April 30, 2015, the aggregate value of these securities is \$55,163,682 or 9.8% of the Trust's net assets applicable to common shares.
- (9) Amount is less than 0.05%.

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

- (10) Represents a payment-in-kind security which may pay interest in additional principal at the issuer's discretion. For corporate bonds, the interest rate paid in additional principal is generally higher than the indicated cash rate.
- (11) Security converts to floating rate after the indicated fixed-rate coupon period.
- (12) Variable rate security. The stated interest rate represents the rate in effect at April 30, 2015.
- (13) When-issued security.
- (14) Security was acquired in connection with a restructuring of a Senior Loan and may be subject to restrictions on resale.
- (15) Non-income producing security.
- (16) Restricted security (see Note 7).
- (17) Affiliated investment company, available to Eaton Vance portfolios and funds, which invests in high quality, U.S. dollar denominated money market instruments. The rate shown is the annualized seven-day yield as of April 30, 2015.

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Statement of Assets and Liabilities (Unaudited)

	April 30, 2015
Assets	
Unaffiliated investments, at value (identified cost, \$908,023,257)	\$ 895,352,059
Affiliated investment, at value (identified cost, \$4,762,897)	4,762,897
Cash	3,229,685
Foreign currency, at value (identified cost, \$3,239,171)	3,287,713
Interest receivable	3,871,494
Interest receivable from affiliated investment	2,123
Receivable for investments sold	3,690,098
Receivable for open forward foreign currency exchange contracts	154,573
Prepaid upfront fees on notes payable	49,274
Prepaid expenses	37,062
Total assets	\$ 914,436,978
Liabilities	
Notes payable	\$ 200,000,000
Payable for investments purchased	17,212,765
Payable for when-issued securities	70,088
Payable for open forward foreign currency exchange contracts	800,796
Payable to affiliates:	
Investment adviser fee	552,199
Trustees fees	3,633
Accrued expenses	325,271
Total liabilities	\$ 218,964,752
Auction preferred shares (5,252 shares outstanding) at liquidation value plus cumulative unpaid dividends	\$ 131,304,107
Net assets applicable to common shares	\$ 564,168,119
Sources of Net Assets	
Common shares, \$0.01 par value, unlimited number of shares authorized, 36,841,535 shares issued and outstanding	\$ 368,415
Additional paid-in capital	687,194,181
Accumulated net realized loss	(109,850,306)
Accumulated distributions in excess of net investment income	(309,497)
Net unrealized depreciation	(13,234,674)
Net assets applicable to common shares	\$ 564,168,119
Net Asset Value Per Common Share	
(\$564,168,119 ÷ 36,841,535 common shares issued and outstanding)	\$ 15.31

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Statement of Operations (Unaudited)

	Six Months Ended
	April 30, 2015
Investment Income	
Interest and other income	\$ 21,777,486
Dividends	209,236
Interest income allocated from affiliated investment	11,158
Expenses allocated from affiliated investment	(1,228)
Total investment income	\$ 21,996,652
Expenses	
Investment adviser fee	\$ 3,342,991
Trustees' fees and expenses	21,972
Custodian fee	166,400
Transfer and dividend disbursing agent fees	9,171
Legal and accounting services	124,322
Printing and postage	41,419
Interest expense and fees	1,154,560
Preferred shares service fee	99,136
Miscellaneous	62,989
Total expenses	\$ 5,022,960
Deduct	
Reduction of custodian fee	\$ 6
Total expense reductions	\$ 6
Net expenses	\$ 5,022,954
Net investment income	\$ 16,973,698
Realized and Unrealized Gain (Loss)	
Net realized gain (loss)	
Investment transactions	\$ (2,092,977)
Investment transactions allocated from affiliated investment	24
Foreign currency and forward foreign currency exchange contract transactions	5,141,855
Net realized gain	\$ 3,048,902
Change in unrealized appreciation (depreciation)	
Investments	\$ (1,726,192)
Foreign currency and forward foreign currency exchange contracts	(1,618,756)
Net change in unrealized appreciation (depreciation)	\$ (3,344,948)
Net realized and unrealized loss	\$ (296,046)
Distributions to preferred shareholders	
From net investment income	\$ (94,869)
Net increase in net assets from operations	\$ 16,582,783

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Statements of Changes in Net Assets

	Six Months Ended	
	April 30, 2015	Year Ended
	(Unaudited)	October 31, 2014
Increase (Decrease) in Net Assets		
From operations		
Net investment income	\$ 16,973,698	\$ 34,064,215
Net realized gain from investment, foreign currency and forward foreign currency exchange contract transactions	3,048,902	1,884,452
Net change in unrealized appreciation (depreciation) from investments, foreign currency and forward foreign currency exchange contracts	(3,344,948)	(17,131,014)
Distributions to preferred shareholders		
From net investment income	(94,869)	(151,177)
Net increase in net assets from operations	\$ 16,582,783	\$ 18,666,476
Distributions to common shareholders		
From net investment income	\$ (17,241,838)	\$ (36,362,595)
Total distributions to common shareholders	\$ (17,241,838)	\$ (36,362,595)
Net decrease in net assets	\$ (659,055)	\$ (17,696,119)
Net Assets Applicable to Common Shares		
At beginning of period	\$ 564,827,174	\$ 582,523,293
At end of period	\$ 564,168,119	\$ 564,827,174
Accumulated undistributed (distributions in excess of) net investment income included in net assets		
At end of period	\$ (309,497)	\$ 53,512

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Statement of Cash Flows (Unaudited)

	Six Months Ended
	April 30, 2015
Cash Flows From Operating Activities	
Net increase in net assets from operations	\$ 16,582,783
Distributions to preferred shareholders	94,869
Net increase in net assets from operations excluding distributions to preferred shareholders	\$ 16,677,652
Adjustments to reconcile net increase in net assets from operations to net cash provided by operating activities:	
Investments purchased	(115,785,008)
Investments sold and principal repayments	111,505,457
Decrease in short-term investments, net	12,656,660
Net amortization/accretion of premium (discount)	(363,834)
Amortization of prepaid upfront fees on notes payable	5,726
Decrease in restricted cash	760,000
Decrease in dividends and interest receivable	126,120
Decrease in interest receivable from affiliated investment	401
Decrease in receivable for open forward foreign currency exchange contracts	827,038
Increase in prepaid expenses	(1,944)
Decrease in cash collateral due to broker	(760,000)
Increase in payable for open forward foreign currency exchange contracts	800,796
Decrease in payable to affiliate for investment adviser fee	(24,357)
Increase in payable to affiliate for Trustees' fees	170
Decrease in accrued expenses	(51,614)
Decrease in unfunded loan commitments	(1,441,353)
Net change in unrealized (appreciation) depreciation from investments	1,726,192
Net realized loss from investments	2,092,977
Net cash provided by operating activities	\$ 28,751,079
Cash Flows From Financing Activities	
Distributions paid to common shareholders, net of reinvestments	\$ (17,241,838)
Cash distributions paid to preferred shareholders	(94,641)
Payment of prepaid upfront fees on notes payable	(55,000)
Proceeds from notes payable	10,000,000
Repayments of notes payable	(20,000,000)
Net cash used in financing activities	\$ (27,391,479)
Net increase in cash*	\$ 1,359,600
Cash at beginning of period⁽¹⁾	\$ 5,157,798
Cash at end of period⁽¹⁾	\$ 6,517,398
Supplemental disclosure of cash flow information:	
Cash paid for interest and fees on borrowings	\$ 1,160,660

* Includes net change in unrealized appreciation (depreciation) on foreign currency of \$48,205.

Edgar Filing: EATON VANCE SENIOR FLOATING RATE TRUST - Form N-CSRS

⁽¹⁾ Balance includes foreign currency, at value.

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Financial Highlights

Selected data for a common share outstanding during the periods stated

	Six Months Ended April 30, 2015 (Unaudited)	Year Ended October 31,				
		2014	2013	2012	2011	2010
Net asset value Beginning of period (Common shares)	\$ 15.330	\$ 15.810	\$ 15.630	\$ 14.910	\$ 14.980	\$ 13.700
Income (Loss) From Operations						
Net investment income ⁽¹⁾	\$ 0.461	\$ 0.925	\$ 1.009	\$ 1.097	\$ 1.014	\$ 1.025
Net realized and unrealized gain (loss)	(0.010)	(0.414)	0.145	0.681	(0.013)	1.374
Distributions to preferred shareholders From net investment income ⁽¹⁾	(0.003)	(0.004)	(0.006)	(0.006)	(0.009)	(0.011)
Total income from operations	\$ 0.448	\$ 0.507	\$ 1.148	\$ 1.772	\$ 0.992	\$ 2.388
Less Distributions						
From net investment income	\$ (0.468)	\$ (0.987)	\$ (1.038)	\$ (1.052)	\$ (1.062)	\$ (1.108)
Total distributions to common shareholders	\$ (0.468)	\$ (0.987)	\$ (1.038)	\$ (1.052)	\$ (1.062)	\$ (1.108)
Premium from common shares sold through shelf offering (see Note 6)⁽¹⁾	\$	\$	\$ 0.070	\$	\$	\$
Net asset value End of period (Common shares)	\$ 15.310	\$ 15.330	\$ 15.810	\$ 15.630	\$ 14.910	\$ 14.980
Market value End of period (Common shares)	\$ 14.700	\$ 14.050	\$ 15.800	\$ 16.250	\$ 14.550	\$ 15.640
Total Investment Return on Net Asset Value⁽²⁾	3.23%⁽³⁾	3.60%	7.98%	12.31%	6.69%	17.93%
Total Investment Return on Market Value⁽²⁾	8.14%⁽³⁾	(4.99)%	3.79%	19.66%	(0.28)%	29.96%

Eaton Vance

Senior Floating-Rate Trust

April 30, 2015

Financial Highlights continued

Selected data for a common share outstanding during the periods stated

Ratios/Supplemental Data	Six Months Ended	Year Ended October 31,				
	April 30, 2015 (Unaudited)	2014	2013	2012	2011	2010
Net assets applicable to common shares, end of period (000 shares omitted)	\$ 564,168	\$ 564,827	\$ 582,523	\$ 528,465	\$ 503,383	\$ 505,197
Ratios (as a percentage of average daily net assets applicable to common shares): ⁽⁴⁾						
Expenses excluding interest and fees ⁽⁵⁾	1.39% ⁽⁶⁾	1.36%	1.37%	1.38%	1.29%	1.22%
Interest and fee expense ⁽⁷⁾	0.42% ⁽⁶⁾	0.40%	0.40%	0.42%	0.44%	0.49%
Total expenses	1.81% ⁽⁶⁾	1.76%	1.77%	1.80%	1.73%	1.71%
Net investment income	6.12% ⁽⁶⁾	5.89%	6.38%	7.20%	6.69%	7.11%
Portfolio Turnover	13% ⁽³⁾	35%	45%	54%		