

EATON VANCE SENIOR FLOATING RATE TRUST
Form N-CSRS
June 27, 2014

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, 2014

Date of Reporting Period

Item 1. Reports to Stockholders

Eaton Vance

Senior Floating-Rate Trust (EFR)

Semiannual Report

April 30, 2014

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, 2014

Eaton Vance

Senior Floating-Rate Trust

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Eaton Vance

Senior Floating-Rate Trust

April 30, 2014

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 | 2.57% | 4.57% | 16.96% | 5.85% |
| Fund at Market Price | | 2.15 | 8.17 | 17.08 | 4.75 |
| S&P/LSTA Leveraged Loan Index | | 2.29% | 3.84% | 10.68% | 5.19% |

| | |
|--|-------|
| % Premium/Discount to NAV³ | 4.66% |
|--|-------|

Distributions⁴

| | |
|--|---------|
| Total Distributions per share for the period | \$0.531 |
| Distribution Rate at NAV | 5.75% |
| Distribution Rate at Market Price | 6.03% |

% Total Leverage⁵

| | |
|--------------------------------|--------|
| Auction Preferred Shares (APS) | 14.30% |
| Borrowings | 22.87 |

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, 2014

Fund Profile

Top 10 Issuers (% of total investments)⁶

| | |
|---|------|
| Alliance Boots Holdings Limited | 1.2% |
| Asurion LLC | 1.1 |
| Community Health Systems, Inc. | 1.0 |
| Dell Inc. | 1.0 |
| H.J. Heinz Company | 0.9 |
| Valeant Pharmaceuticals International, Inc. | 0.9 |
| Laureate Education, Inc. | 0.8 |
| Intelsat Jackson Holdings S.A. | 0.8 |
| Virgin Media Investment Holdings Limited | 0.8 |
| MEG Energy Corp. | 0.8 |
| Total | 9.3% |

Top 10 Sectors (% of total investments)⁶

| | |
|----------------------------------|-------|
| Health Care | 9.2% |
| Business Equipment and Services | 8.2 |
| Electronics/Electrical | 7.7 |
| Retailers (Except Food and Drug) | 5.2 |
| Financial Intermediaries | 4.6 |
| Chemicals and Plastics | 4.2 |
| Oil and Gas | 3.9 |
| Leisure Goods/Activities/Movies | 3.7 |
| Food Products | 3.7 |
| Automotive | 3.7 |
| Total | 54.1% |

Credit Quality (% of bond and loan holdings)⁷

See Endnotes and Additional Disclosures in this report.

Eaton Vance

Senior Floating-Rate Trust

April 30, 2014

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 reflects 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. 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 rating 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 rating 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 rating agencies stated above.

Fund profile subject to change due to active management.

Eaton Vance

Senior Floating-Rate Trust

April 30, 2014

Portfolio of Investments (Unaudited)

Senior Floating-Rate Interests 142.4%

| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|--|---|----------------------|
| Aerospace and Defense 2.4% | | |
| Atlantic Aviation FBO Inc. Term Loan, 3.25%, Maturing June 1, 2020 | 671 | \$ 669,586 |
| Booz Allen Hamilton Inc. Term Loan, 5.25%, Maturing July 31, 2019 | 813 | 814,263 |
| DAE Aviation Holdings, Inc. Term Loan, 5.00%, Maturing November 2, 2018 | 306 | 310,189 |
| Term Loan, 5.00%, Maturing November 2, 2018 | 674 | 684,241 |
| Delos Finance S.a.r.l. Term Loan, 3.50%, Maturing March 6, 2021 | 2,450 | 2,445,916 |
| Ducommun Incorporated Term Loan, 4.75%, Maturing June 28, 2017 | 938 | 941,992 |
| IAP Worldwide Services, Inc. Term Loan, 0.00%, Maturing December 31, 2015 ⁽²⁾ | 1,640 | 513,918 |
| Term Loan - Second Lien, 0.00%, Maturing June 30, 2016 ⁽²⁾⁽⁴⁾ | 725 | 18,125 |
| Sequa Corporation Term Loan, 5.25%, Maturing June 19, 2017 | 784 | 771,069 |
| Silver II US Holdings, LLC Term Loan, 4.00%, Maturing December 13, 2019 | 1,909 | 1,903,874 |
| Transdigm, Inc. Term Loan, 3.75%, Maturing February 28, 2020 | 4,771 | 4,754,363 |
| | | \$ 13,827,536 |
| Automotive 5.7% | | |
| Affinia Group Intermediate Holdings Inc. Term Loan, 4.75%, Maturing April 27, 2020 | 1,538 | \$ 1,544,605 |
| Allison Transmission, Inc. Term Loan, 3.75%, Maturing August 23, 2019 | 2,827 | 2,823,214 |
| ASP HHI Acquisition Co., Inc. Term Loan, 5.00%, Maturing October 5, 2018 | 2,225 | 2,230,948 |
| Chrysler Group LLC Term Loan, 3.50%, Maturing May 24, 2017 | 4,925 | 4,924,680 |
| Term Loan, 3.25%, Maturing December 31, 2018 | 2,100 | 2,085,300 |
| CS Intermediate Holdco 2 LLC Term Loan, 4.00%, Maturing April 4, 2021 | 650 | 649,594 |
| Dayco Products, LLC Term Loan, 5.25%, Maturing December 12, 2019 | 1,000 | 1,003,750 |
| Federal-Mogul Corporation | | |

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| | | |
|---|--------------------------|----------------------|
| Term Loan, 4.75%, Maturing March 21, 2021 | 3,925 | 3,900,469 |
| Goodyear Tire & Rubber Company (The) | | |
| Term Loan - Second Lien, 4.75%, Maturing April 30, 2019 | 6,650 | 6,670,781 |
| INA Beteiligungsgesellschaft GmbH | | |
| Term Loan, 4.25%, Maturing January 27, 2017 | 775 | 777,903 |
| | Principal Amount* | |
| Borrower/Tranche Description | (000 s omitted) | Value |
| | | |
| Automotive (continued) | | |
| Metaldyne, LLC | | |
| Term Loan, 4.25%, Maturing December 18, 2018 | 1,633 | \$ 1,637,806 |
| Tower Automotive Holdings USA, LLC | | |
| Term Loan, 4.00%, Maturing April 23, 2020 | 792 | 790,540 |
| Veyance Technologies, Inc. | | |
| Term Loan, 5.25%, Maturing September 8, 2017 | 2,871 | 2,877,262 |
| Visteon Corporation | | |
| Term Loan, Maturing May 27, 2021 ⁽³⁾ | 1,075 | 1,068,113 |
| | | \$ 32,984,965 |
| | | |
| Beverage and Tobacco 0.6% | | |
| Oak Leaf B.V. | | |
| Term Loan, 4.50%, Maturing September 24, 2018 | EUR 2,525 | \$ 3,537,359 |
| | | \$ 3,537,359 |
| | | |
| Brokers, Dealers and Investment Houses 0.1% | | |
| American Beacon Advisors, Inc. | | |
| Term Loan, 4.75%, Maturing November 22, 2019 | 449 | \$ 453,364 |
| | | \$ 453,364 |
| | | |
| Building and Development 1.2% | | |
| ABC Supply Co., Inc. | | |
| Term Loan, 3.50%, Maturing April 16, 2020 | 1,269 | \$ 1,263,339 |
| Armstrong World Industries, Inc. | | |
| Term Loan, 3.50%, Maturing March 16, 2020 | 545 | 545,385 |
| CPG International Inc. | | |
| Term Loan, 4.75%, Maturing September 30, 2020 | 622 | 624,110 |
| Quikrete Holdings, Inc. | | |
| Term Loan, 4.00%, Maturing September 28, 2020 | 970 | 970,853 |
| RE/MAX International, Inc. | | |
| Term Loan, 4.00%, Maturing July 31, 2020 | 1,579 | 1,582,098 |
| Realogy Corporation | | |
| Term Loan, 3.75%, Maturing March 5, 2020 | 990 | 988,781 |
| Summit Materials Companies I, LLC | | |
| Term Loan, 5.00%, Maturing January 30, 2019 | 467 | 468,911 |
| WireCo WorldGroup, Inc. | | |
| Term Loan, 6.00%, Maturing February 15, 2017 | 616 | 620,627 |
| | | \$ 7,064,104 |
| | | |
| Business Equipment and Services 12.9% | | |
| Acosta, Inc. | | |
| Term Loan, 4.25%, Maturing March 2, 2018 | 3,640 | \$ 3,656,513 |
| Advantage Sales & Marketing, Inc. | | |
| Term Loan, 4.25%, Maturing December 18, 2017 | 3,152 | 3,159,316 |

Eaton Vance

Senior Floating-Rate Trust

April 30, 2014

Portfolio of Investments (Unaudited) continued

| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|--|---|------------|
| Business Equipment and Services (continued) | | |
| Altegrity, Inc. Term Loan, 7.75%, Maturing February 21, 2015 | 684 | \$ 673,388 |
| Altisource Solutions S.a.r.l. Term Loan, 4.50%, Maturing December 9, 2020 | 1,236 | 1,235,536 |
| AVSC Holding Corp. Term Loan, 4.50%, Maturing January 24, 2021 | 425 | 425,885 |
| BakerCorp International, Inc. Term Loan, 4.25%, Maturing February 14, 2020 | 1,308 | 1,304,126 |
| BAR/BRI Review Courses, Inc. Term Loan, 4.50%, Maturing July 17, 2019 | 630 | 631,390 |
| Brickman Group Ltd. LLC Term Loan, 4.00%, Maturing December 18, 2020 | 823 | 821,982 |
| Brock Holdings III, Inc. Term Loan, 6.00%, Maturing March 16, 2017 | 1,053 | 1,056,563 |
| Campaign Monitor Finance Pty Limited Term Loan, 5.50%, Maturing March 18, 2021 | 725 | 712,312 |
| CCC Information Services, Inc. Term Loan, 4.00%, Maturing December 20, 2019 | 420 | 419,031 |
| Ceridian Corp. Term Loan, 4.40%, Maturing May 9, 2017 | 1,211 | 1,213,075 |
| ClientLogic Corporation Term Loan, 6.98%, Maturing January 30, 2017 | 1,567 | 1,584,980 |
| CPM Acquisition Corp. Term Loan, 6.25%, Maturing August 29, 2017 | 474 | 478,137 |
| Term Loan - Second Lien, 10.25%, Maturing March 1, 2018 | 1,000 | 1,017,500 |
| Crossmark Holdings, Inc. Term Loan, 4.50%, Maturing December 20, 2019 | 471 | 468,179 |
| Education Management LLC Term Loan, 8.25%, Maturing March 29, 2018 | 2,030 | 1,816,902 |
| EIG Investors Corp. Term Loan, 5.00%, Maturing November 9, 2019 | 2,398 | 2,404,695 |
| Emdeon Business Services, LLC Term Loan, 3.75%, Maturing November 2, 2018 | 1,421 | 1,419,746 |
| Expert Global Solutions, Inc. Term Loan, 8.50%, Maturing April 3, 2018 | 1,871 | 1,789,429 |
| Extreme Reach, Inc. Term Loan, 6.75%, Maturing February 10, 2020 | 775 | 786,625 |
| Garda World Security Corporation Term Loan, 4.00%, Maturing November 6, 2020 | 111 | 111,250 |
| Term Loan, 4.00%, Maturing November 6, 2020 | 436 | 434,888 |
| Term Loan, 5.02%, Maturing November 6, 2020 | CAD 622 | 568,324 |
| Genpact International, Inc. Term Loan, 3.50%, Maturing August 30, 2019 | 1,580 | 1,579,270 |

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| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|---|---|--------------|
| Business Equipment and Services (continued) | | |
| IG Investment Holdings, LLC | | |
| Term Loan, 5.25%, Maturing October 31, 2019 | 1,413 | \$ 1,421,032 |
| IMS Health Incorporated | | |
| Term Loan, 3.50%, Maturing March 17, 2021 | 1,967 | 1,960,099 |
| Information Resources, Inc. | | |
| Term Loan, 4.75%, Maturing September 30, 2020 | 1,194 | 1,196,985 |
| ION Trading Technologies S.a.r.l. | | |
| Term Loan, 4.50%, Maturing May 22, 2020 | 609 | 608,518 |
| Term Loan - Second Lien, 8.25%, Maturing May 21, 2021 | 1,000 | 1,006,875 |
| Jason Incorporated | | |
| Term Loan, 5.00%, Maturing February 28, 2019 | 509 | 510,035 |
| KAR Auction Services, Inc. | | |
| Term Loan, 3.50%, Maturing March 11, 2021 | 2,726 | 2,716,776 |
| Kronos Incorporated | | |
| Term Loan, 4.50%, Maturing October 30, 2019 | 2,393 | 2,403,575 |
| Term Loan - Second Lien, 9.75%, Maturing April 30, 2020 | 1,073 | 1,112,213 |
| Language Line, LLC | | |
| Term Loan, 6.25%, Maturing June 20, 2016 | 1,930 | 1,927,616 |
| MCS AMS Sub-Holdings LLC | | |
| Term Loan, 7.00%, Maturing October 15, 2019 | 1,055 | 1,028,473 |
| Monitronics International Inc. | | |
| Term Loan, 4.25%, Maturing March 23, 2018 | 1,180 | 1,183,013 |
| Pacific Industrial Services US Finco LLC | | |
| Term Loan, 5.00%, Maturing October 2, 2018 | 1,244 | 1,251,005 |
| Quintiles Transnational Corp. | | |
| Term Loan, 3.75%, Maturing June 8, 2018 | 5,454 | 5,451,237 |
| Sensus USA Inc. | | |
| Term Loan, 4.75%, Maturing May 9, 2017 | 655 | 655,032 |
| ServiceMaster Company | | |
| Term Loan, 4.25%, Maturing January 31, 2017 | 1,432 | 1,432,770 |
| Term Loan, 4.41%, Maturing January 31, 2017 | 2,412 | 2,418,556 |
| SunGard Data Systems, Inc. | | |
| Term Loan, 3.90%, Maturing February 28, 2017 | 887 | 888,132 |
| Term Loan, 4.00%, Maturing March 9, 2020 | 5,622 | 5,634,353 |
| TNS, Inc. | | |
| Term Loan, 5.00%, Maturing February 14, 2020 | 1,025 | 1,030,983 |
| TransUnion, LLC | | |
| Term Loan, 4.00%, Maturing March 17, 2021 | 4,200 | 4,188,845 |
| U.S. Security Holdings, Inc. | | |
| Term Loan, 6.00%, Maturing July 28, 2017 | 116 | 116,825 |
| Term Loan, 6.00%, Maturing July 28, 2017 | 592 | 596,835 |
| WASH Multifamily Laundry Systems, LLC | | |
| Term Loan, 4.50%, Maturing February 21, 2019 | 322 | 320,946 |

Eaton Vance

Senior Floating-Rate Trust

April 30, 2014

Portfolio of Investments (Unaudited) continued

| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|--|---|----------------------|
| Business Equipment and Services (continued) | | |
| West Corporation | | |
| Term Loan, 3.25%, Maturing June 30, 2018 | 3,661 | \$ 3,620,222 |
| | | \$ 74,449,993 |
| Cable and Satellite Television 5.0% | | |
| Atlantic Broadband Finance, LLC | | |
| Term Loan, 3.25%, Maturing December 2, 2019 | 837 | \$ 830,273 |
| Bragg Communications Incorporated | | |
| Term Loan, 3.50%, Maturing February 28, 2018 | 392 | 391,755 |
| Cequel Communications, LLC | | |
| Term Loan, 3.50%, Maturing February 14, 2019 | 2,162 | 2,156,374 |
| Charter Communications Operating, LLC | | |
| Term Loan, 3.00%, Maturing July 1, 2020 | 1,340 | 1,320,614 |
| Crown Media Holdings, Inc. | | |
| Term Loan, 4.00%, Maturing July 14, 2018 | 328 | 327,235 |
| CSC Holdings, Inc. | | |
| Term Loan, 2.65%, Maturing April 17, 2020 | 1,563 | 1,540,554 |
| ION Media Networks, Inc. | | |
| Term Loan, 5.00%, Maturing December 18, 2020 | 1,521 | 1,530,201 |
| MCC Iowa LLC | | |
| Term Loan, 3.25%, Maturing January 29, 2021 | 993 | 981,748 |
| Mediacom Illinois, LLC | | |
| Term Loan, 3.12%, Maturing October 23, 2017 | 794 | 795,717 |
| Sterling Entertainment Enterprises, LLC | | |
| Term Loan, 3.16%, Maturing December 28, 2017 | 735 | 712,876 |
| UPC Financing Partnership | | |
| Term Loan, 3.98%, Maturing March 31, 2021 | EUR 3,972 | 5,542,469 |
| Virgin Media Investment Holdings Limited | | |
| Term Loan, 4.50%, Maturing June 5, 2020 | GBP 1,475 | 2,502,841 |
| Term Loan, 3.50%, Maturing June 8, 2020 | 5,075 | 5,039,201 |
| YPSO France SAS | | |
| Term Loan, 4.26%, Maturing December 29, 2017 | EUR 13 | 17,890 |
| Term Loan, 4.26%, Maturing December 29, 2017 | EUR 198 | 274,216 |
| Term Loan, 4.26%, Maturing December 29, 2017 | EUR 203 | 281,980 |
| Term Loan, 4.26%, Maturing December 29, 2017 | EUR 263 | 365,559 |
| Term Loan, 4.26%, Maturing December 29, 2017 | EUR 323 | 447,704 |
| Term Loan, 4.01%, Maturing December 26, 2018 | EUR 775 | 1,075,196 |
| Ziggo N.V. | | |
| Term Loan, 3.50%, Maturing January 15, 2022 | EUR 382 | 525,001 |
| Term Loan, 3.50%, Maturing January 15, 2022 | EUR 593 | 814,947 |

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| | | | |
|---|-----|-----|----------------------|
| Term Loan, Maturing January 15, 2022 ⁽³⁾ | EUR | 445 | 610,859 |
| Term Loan, Maturing January 15, 2022 ⁽³⁾ | EUR | 629 | 864,210 |
| | | | \$ 28,949,420 |

| Borrower/Tranche Description | | Principal Amount* (000 s omitted) | Value |
|--|-----|--|--------------|
| Chemicals and Plastics 5.1% | | | |
| Allnex (Luxembourg) & Cy S.C.A. | | | |
| Term Loan, 4.50%, Maturing October 3, 2019 | | 278 | \$ 278,412 |
| Allnex USA, Inc. | | | |
| Term Loan, 4.50%, Maturing October 3, 2019 | | 144 | 144,455 |
| Arysta LifeScience Corporation | | | |
| Term Loan, 4.50%, Maturing May 29, 2020 | | 2,308 | 2,307,543 |
| Axalta Coating Systems US Holdings Inc. | | | |
| Term Loan, 4.00%, Maturing February 1, 2020 | | 3,970 | 3,964,763 |
| AZ Chem US Inc. | | | |
| Term Loan, 5.25%, Maturing December 22, 2017 | | 1,542 | 1,553,504 |
| Chemtura Corporation | | | |
| Term Loan, 3.50%, Maturing August 27, 2016 | | 124 | 124,029 |
| Emerald Performance Materials, LLC | | | |
| Term Loan, 6.75%, Maturing May 18, 2018 | | 688 | 692,910 |
| Huntsman International, LLC | | | |
| Term Loan, Maturing October 15, 2020 ⁽³⁾ | | 2,000 | 1,999,000 |
| Ineos US Finance LLC | | | |
| Term Loan, 3.75%, Maturing May 4, 2018 | | 4,154 | 4,121,480 |
| Kronos Worldwide Inc. | | | |
| Term Loan, 4.75%, Maturing February 18, 2020 | | 300 | 301,781 |
| MacDermid, Inc. | | | |
| Term Loan, 4.00%, Maturing June 8, 2020 | | 769 | 767,649 |
| Momentive Performance Materials Inc. | | | |
| DIP Loan, Maturing April 30, 2015 ⁽³⁾ | | 250 | 248,750 |
| OEP Pearl Dutch Acquisition B.V. | | | |
| Term Loan, 6.50%, Maturing March 30, 2018 | | 89 | 89,590 |
| Omnova Solutions Inc. | | | |
| Term Loan, 4.25%, Maturing May 31, 2018 | | 968 | 971,128 |
| OXEA Finance LLC | | | |
| Term Loan, 4.25%, Maturing January 15, 2020 | | 697 | 697,371 |
| Term Loan - Second Lien, 8.25%, Maturing July 15, 2020 | | 1,000 | 1,018,750 |
| Polarpak Inc. | | | |
| Term Loan, 4.50%, Maturing June 5, 2020 | | 250 | 250,552 |
| PQ Corporation | | | |
| Term Loan, 4.00%, Maturing August 7, 2017 | | 1,160 | 1,160,748 |
| Schoeller Arca Systems Holding B.V. | | | |
| Term Loan, 4.79%, Maturing December 18, 2014 | EUR | 145 | 176,443 |
| Term Loan, 4.79%, Maturing December 18, 2014 | EUR | 412 | 503,071 |
| Term Loan, 4.79%, Maturing December 18, 2014 | EUR | 443 | 541,353 |
| Sonneborn LLC | | | |
| Term Loan, 6.50%, Maturing March 30, 2018 | | 504 | 507,676 |
| Taminco Global Chemical Corporation | | | |
| Term Loan, 3.25%, Maturing February 15, 2019 | | 368 | 365,133 |

Eaton Vance

Senior Floating-Rate Trust

April 30, 2014

Portfolio of Investments (Unaudited) continued

| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|--|---|----------------------|
| Chemicals and Plastics (continued) | | |
| Tronox Pigments (Netherlands) B.V. Term Loan, 4.00%, Maturing March 19, 2020 | 2,997 | \$ 2,999,144 |
| Univar Inc. Term Loan, 5.00%, Maturing June 30, 2017 | 3,563 | 3,561,548 |
| WNA Holdings Inc. Term Loan, 4.50%, Maturing June 7, 2020 | 137 | 137,643 |
| | | \$ 29,484,426 |
| Conglomerates 0.9% | | |
| RGIS Services, LLC Term Loan, 5.50%, Maturing October 18, 2017 | 2,849 | \$ 2,856,473 |
| Spectrum Brands Europe GmbH Term Loan, 3.75%, Maturing September 4, 2019 | EUR 973 | 1,356,031 |
| Spectrum Brands, Inc. Term Loan, 3.50%, Maturing September 4, 2019 | 1,045 | 1,045,481 |
| | | \$ 5,257,985 |
| Containers and Glass Products 1.9% | | |
| Berry Plastics Holding Corporation Term Loan, 3.50%, Maturing February 7, 2020 | 2,153 | \$ 2,133,832 |
| Term Loan, 3.75%, Maturing January 6, 2021 | 675 | 671,994 |
| BWAY Holding Company, Inc. Term Loan, 4.50%, Maturing August 7, 2017 | 2,592 | 2,604,744 |
| Libbey Glass Inc. Term Loan, 3.75%, Maturing April 9, 2021 | 400 | 399,083 |
| Pelican Products, Inc. Term Loan, 5.25%, Maturing March 20, 2020 | 375 | 378,977 |
| Reynolds Group Holdings Inc. Term Loan, 4.00%, Maturing December 1, 2018 | 2,864 | 2,869,416 |
| Signode Industrial Group US Inc. Term Loan, Maturing March 21, 2021 ⁽³⁾ | 1,450 | 1,446,601 |
| TricorBraun, Inc. Term Loan, 4.00%, Maturing May 3, 2018 | 594 | 594,896 |
| | | \$ 11,099,543 |

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Cosmetics / Toiletries 0.6%

Prestige Brands, Inc.

Term Loan, 3.79%, Maturing January 31, 2019 218 \$ 218,211

Revlon Consumer Products Corporation

Term Loan, 4.00%, Maturing October 8, 2019 1,222 1,222,128

Sun Products Corporation (The)

Term Loan, 5.50%, Maturing March 23, 2020 2,153 2,080,578

\$ 3,520,917

Borrower/Tranche Description

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

Drugs 3.6%

Akorn, Inc.

Term Loan, 4.50%, Maturing August 27, 2020 675 \$ 677,104

Alkermes, Inc.

Term Loan, 3.50%, Maturing September 18, 2019 370 369,992

Auxilium Pharmaceuticals, Inc.

Term Loan, 6.25%, Maturing April 26, 2017 570 575,984

Catalent Pharma Solutions Inc.

Term Loan, 3.65%, Maturing September 15, 2016 2,084 2,087,361

Term Loan, 4.25%, Maturing September 15, 2017 1,101 1,102,726

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

Term Loan, 3.25%, Maturing February 28, 2021 400 397,333

Ikaria, Inc.

Term Loan, 5.00%, Maturing February 12, 2021 825 829,555

Term Loan - Second Lien, 8.75%, Maturing February 14, 2022 500 507,500

Millennium Laboratories, Inc.

Term Loan, 5.25%, Maturing March 28, 2021 2,100 2,091,455

Par Pharmaceutical Companies, Inc.

Term Loan, 4.00%, Maturing September 30, 2019 1,881 1,876,122

Valeant Pharmaceuticals International, Inc.

Term Loan, 3.75%, Maturing February 13, 2019 1,840 1,838,645

Term Loan, 3.75%, Maturing December 11, 2019 2,957 2,955,357

Term Loan, 3.75%, Maturing August 5, 2020 3,609 3,612,573

VWR Funding, Inc.

Term Loan, 3.40%, Maturing April 3, 2017 1,848 1,847,952

\$ 20,769,659

Ecological Services and Equipment 0.7%

ADS Waste Holdings, Inc.

Term Loan, 3.75%, Maturing October 9, 2019 3,906 \$ 3,881,571

Viking Consortium Borrower Limited

Term Loan - Second Lien, 6.60%, (3.10% Cash, 3.50% PIK), Maturing March 31, 2016⁽⁴⁾ GBP 551 297,758

\$ 4,179,329

Electronics / Electrical 12.2%

Aeroflex Incorporated

Term Loan, 4.50%, Maturing November 11, 2019 1,748 \$ 1,755,739

Allflex Holdings III, Inc.

Term Loan, 4.25%, Maturing July 17, 2020 647 647,963

Answers Corporation

Term Loan, 6.50%, Maturing December 20, 2018 815 816,724

Term Loan - Second Lien, 11.00%, Maturing June 19, 2020 725 732,250

Eaton Vance

Senior Floating-Rate Trust

April 30, 2014

Portfolio of Investments (Unaudited) continued

| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|---|---|--------------|
| Electronics / Electrical (continued) | | |
| Attachmate Corporation | | |
| Term Loan, 7.25%, Maturing November 22, 2017 | 2,869 | \$ 2,884,297 |
| Term Loan - Second Lien, 11.00%, Maturing November 22, 2018 | 1,000 | 1,002,500 |
| Avago Technologies Limited | | |
| Term Loan, Maturing December 16, 2020 ⁽³⁾ | 6,200 | 6,221,799 |
| Blue Coat Systems, Inc. | | |
| Term Loan - Second Lien, 9.50%, Maturing June 26, 2020 | 825 | 846,656 |
| Cinedigm Digital Funding I, LLC | | |
| Term Loan, 3.75%, Maturing February 28, 2018 | 411 | 411,426 |
| CompuCom Systems, Inc. | | |
| Term Loan, 4.25%, Maturing May 11, 2020 | 1,265 | 1,263,065 |
| Dealertrack Technologies, Inc. | | |
| Term Loan, 3.50%, Maturing February 26, 2021 | 500 | 498,959 |
| Dell Inc. | | |
| Term Loan, 3.75%, Maturing October 29, 2018 | 569 | 568,235 |
| Term Loan, 4.50%, Maturing April 29, 2020 | 8,410 | 8,390,393 |
| Eagle Parent, Inc. | | |
| Term Loan, 4.00%, Maturing May 16, 2018 | 3,472 | 3,473,768 |
| Entegris, Inc. | | |
| Term Loan, Maturing February 4, 2021 ⁽³⁾ | 500 | 495,313 |
| Excelitas Technologies Corp. | | |
| Term Loan, 6.00%, Maturing October 30, 2020 | 837 | 842,707 |
| FIDJI Luxembourg (BC4) S.A.R.L. | | |
| Term Loan, 6.25%, Maturing December 24, 2020 | 800 | 807,000 |
| Freescale Semiconductor, Inc. | | |
| Term Loan, 4.25%, Maturing February 28, 2020 | 1,874 | 1,873,554 |
| Go Daddy Operating Company, LLC | | |
| Term Loan, 4.00%, Maturing December 17, 2018 | 3,345 | 3,340,763 |
| Hyland Software, Inc. | | |
| Term Loan, 4.75%, Maturing February 19, 2021 | 497 | 498,983 |
| Infor (US), Inc. | | |
| Term Loan, 3.75%, Maturing June 3, 2020 | 5,369 | 5,339,371 |
| Magic Newco LLC | | |
| Term Loan, 5.00%, Maturing December 12, 2018 | 1,379 | 1,387,842 |
| Micro Holding, L.P. | | |
| Term Loan, 6.25%, Maturing March 18, 2019 | 941 | 946,378 |
| Microsemi Corporation | | |
| Term Loan, 3.25%, Maturing February 19, 2020 | 1,254 | 1,246,451 |
| Open Text Corporation | | |
| Term Loan, 3.25%, Maturing January 16, 2021 | 973 | 973,475 |
| Renaissance Learning, Inc. | | |
| Term Loan, 4.50%, Maturing March 20, 2021 | 700 | 700,000 |
| Term Loan - Second Lien, 8.00%, Maturing April 1, 2022 | 225 | 224,906 |

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| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|---|---|----------------------|
| Electronics / Electrical (continued) | | |
| Rocket Software, Inc. | | |
| Term Loan, 5.75%, Maturing February 8, 2018 | 1,222 | \$ 1,225,713 |
| Term Loan - Second Lien, 10.25%, Maturing February 8, 2019 | 750 | 755,625 |
| Rovi Solutions Corporation | | |
| Term Loan, 3.50%, Maturing March 29, 2019 | 681 | 677,719 |
| RP Crown Parent, LLC | | |
| Term Loan, 6.00%, Maturing December 21, 2018 | 5,279 | 5,276,063 |
| Term Loan - Second Lien, 11.25%, Maturing December 20, 2019 | 575 | 582,187 |
| Sensata Technologies Finance Company, LLC | | |
| Term Loan, 3.25%, Maturing May 12, 2019 | 1,196 | 1,200,018 |
| Shield Finance Co. S.A.R.L. | | |
| Term Loan, 5.00%, Maturing January 27, 2021 | 700 | 703,500 |
| Sirius Computer Solutions, Inc. | | |
| Term Loan, 7.00%, Maturing November 30, 2018 | 451 | 457,357 |
| SkillSoft Corporation | | |
| Term Loan, Maturing April 1, 2021 ⁽³⁾ | 1,475 | 1,473,156 |
| Smart Technologies ULC | | |
| Term Loan, 10.50%, Maturing January 31, 2018 | 626 | 663,162 |
| Sophia, L.P. | | |
| Term Loan, 4.00%, Maturing July 19, 2018 | 1,296 | 1,297,324 |
| Southwire Company | | |
| Term Loan, 3.25%, Maturing February 11, 2021 | 375 | 374,736 |
| SS&C Technologies Holdings Europe S.A.R.L. | | |
| Term Loan, 3.25%, Maturing June 7, 2019 | 90 | 89,791 |
| SS&C Technologies Inc. | | |
| Term Loan, 3.25%, Maturing June 7, 2019 | 870 | 867,982 |
| SumTotal Systems LLC | | |
| Term Loan, 6.26%, Maturing November 16, 2018 | 1,190 | 1,188,656 |
| SurveyMonkey.com, LLC | | |
| Term Loan, 5.50%, Maturing February 5, 2019 | 545 | 547,223 |
| Sybil Software LLC | | |
| Term Loan, 5.00%, Maturing March 18, 2020 | 950 | 949,010 |
| Vertafore, Inc. | | |
| Term Loan, 4.25%, Maturing October 3, 2019 | 968 | 968,504 |
| Wall Street Systems, Inc. | | |
| Term Loan, Maturing March 6, 2021 ⁽³⁾ | 1,575 | 1,575,000 |
| Web.com Group, Inc. | | |
| Term Loan, 4.50%, Maturing October 27, 2017 | 1,296 | 1,306,546 |
| | | \$ 70,369,789 |

Eaton Vance

Senior Floating-Rate Trust

April 30, 2014

Portfolio of Investments (Unaudited) continued

| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|---|---|---------------------|
| Equipment Leasing 0.5% | | |
| Flying Fortress Inc. | | |
| Term Loan, 3.50%, Maturing June 30, 2017 | 2,792 | \$ 2,794,285 |
| | | \$ 2,794,285 |
| Financial Intermediaries 6.1% | | |
| Armor Holding II LLC | | |
| Term Loan - Second Lien, 10.25%, Maturing December 11, 2020 | 1,000 | \$ 990,000 |
| Citco Funding LLC | | |
| Term Loan, 4.25%, Maturing June 29, 2018 | 2,024 | 2,027,133 |
| Clipper Acquisitions Corp. | | |
| Term Loan, 3.00%, Maturing February 6, 2020 | 543 | 538,033 |
| First Data Corporation | | |
| Term Loan, 4.15%, Maturing March 23, 2018 | 4,136 | 4,136,961 |
| Term Loan, 4.15%, Maturing September 24, 2018 | 1,875 | 1,875,587 |
| Grosvenor Capital Management Holdings, LLP | | |
| Term Loan, 3.75%, Maturing January 4, 2021 | 1,222 | 1,215,828 |
| Guggenheim Partners, LLC | | |
| Term Loan, 4.25%, Maturing July 17, 2020 | 846 | 849,344 |
| Hamilton Lane Advisors, LLC | | |
| Term Loan, 4.00%, Maturing February 28, 2018 | 571 | 572,365 |
| Harbourvest Partners, LLC | | |
| Term Loan, 3.25%, Maturing February 4, 2021 | 916 | 906,770 |
| Home Loan Servicing Solutions, Ltd. | | |
| Term Loan, 4.50%, Maturing June 19, 2020 | 1,067 | 1,069,605 |
| LPL Holdings, Inc. | | |
| Term Loan, 3.25%, Maturing March 29, 2019 | 3,781 | 3,755,849 |
| Mercury Payment Systems Canada, LLC | | |
| Term Loan, 5.50%, Maturing July 3, 2017 | 977 | 980,535 |
| MIP Delaware, LLC | | |
| Term Loan, 4.00%, Maturing March 9, 2020 | 577 | 579,168 |
| Moneygram International, Inc | | |
| Term Loan, 4.25%, Maturing March 27, 2020 | 421 | 411,809 |
| Nuveen Investments, Inc. | | |
| Term Loan, 4.15%, Maturing May 15, 2017 | 6,197 | 6,205,387 |
| NXT Capital, Inc. | | |
| Term Loan, 6.25%, Maturing September 4, 2018 | 871 | 879,963 |
| Ocwen Financial Corporation | | |
| Term Loan, 5.00%, Maturing February 15, 2018 | 1,238 | 1,244,654 |
| Oz Management LP | | |
| Term Loan, 1.65%, Maturing November 15, 2016 | 1,299 | 1,244,392 |

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RCS Capital Corporation

| | | |
|--|-------|-----------|
| Term Loan, 6.50%, Maturing March 31, 2019 | 1,050 | 1,063,454 |
| Term Loan - Second Lien, 10.50%, Maturing January 16, 2021 | 500 | 514,375 |

Borrower/Tranche Description

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

Financial Intermediaries (continued)

Sesac Holdco II, LLC

| | | |
|---|-------|--------------|
| Term Loan, 5.00%, Maturing February 8, 2019 | 1,000 | \$ 1,003,750 |
|---|-------|--------------|

Starwood Property Trust, Inc.

| | | |
|---|-----|---------|
| Term Loan, 3.50%, Maturing April 17, 2020 | 272 | 271,116 |
|---|-----|---------|

Walker & Dunlop, Inc.

| | | |
|--|-----|---------|
| Term Loan, 5.50%, Maturing December 11, 2020 | 648 | 658,101 |
|--|-----|---------|

Walter Investment Management Corp.

| | | |
|--|-------|-----------|
| Term Loan, 4.75%, Maturing December 11, 2020 | 2,429 | 2,414,197 |
|--|-------|-----------|

\$ 35,408,376

Food Products 5.9%

AdvancePierre Foods, Inc.

| | | |
|--|-------|--------------|
| Term Loan, 5.75%, Maturing July 10, 2017 | 1,259 | \$ 1,261,817 |
|--|-------|--------------|

American Seafoods Group LLC

| | | |
|---|-----|---------|
| Term Loan, 4.50%, Maturing March 18, 2018 | 573 | 570,213 |
|---|-----|---------|

Big Heart Pet Brands

| | | |
|--|-------|-----------|
| Term Loan, 3.50%, Maturing March 8, 2020 | 3,430 | 3,407,226 |
|--|-------|-----------|

Blue Buffalo Company, Ltd.

| | | |
|---|-------|-----------|
| Term Loan, 4.00%, Maturing August 8, 2019 | 1,281 | 1,286,992 |
|---|-------|-----------|

Clearwater Seafoods Limited Partnership

| | | |
|--|-----|---------|
| Term Loan, 4.75%, Maturing June 24, 2019 | 943 | 948,179 |
|--|-----|---------|

CSM Bakery Supplies LLC

| | | |
|---|-------|-----------|
| Term Loan, 4.75%, Maturing July 3, 2020 | 1,042 | 1,049,420 |
|---|-------|-----------|

Del Monte Foods, Inc.

| | | |
|--|-----|---------|
| Term Loan, 4.25%, Maturing February 18, 2021 | 723 | 722,826 |
|--|-----|---------|

Diamond Foods, Inc.

| | | |
|--|-----|---------|
| Term Loan, 4.25%, Maturing August 20, 2018 | 200 | 199,583 |
|--|-----|---------|

Dole Food Company Inc.

| | | |
|---|-------|-----------|
| Term Loan, 4.50%, Maturing November 1, 2018 | 1,372 | 1,372,248 |
|---|-------|-----------|

H.J. Heinz Company

| | | |
|---|-------|-----------|
| Term Loan, 3.50%, Maturing June 5, 2020 | 8,411 | 8,432,996 |
|---|-------|-----------|

Hearthside Food Solutions, LLC

| | | |
|---|-------|-----------|
| Term Loan, 6.50%, Maturing June 7, 2018 | 1,142 | 1,145,356 |
|---|-------|-----------|

High Liner Foods Incorporated

| | | |
|---|-----|---------|
| Term Loan, Maturing April 24, 2021 ⁽³⁾ | 850 | 847,875 |
|---|-----|---------|

JBS USA Holdings Inc.

| | | |
|---|-----|---------|
| Term Loan, 3.75%, Maturing May 25, 2018 | 862 | 862,024 |
|---|-----|---------|

| | | |
|---|-------|-----------|
| Term Loan, 3.75%, Maturing September 18, 2020 | 1,567 | 1,564,431 |
|---|-------|-----------|

Michael Foods Group, Inc.

| | | |
|--|-----|---------|
| Term Loan, 4.25%, Maturing February 23, 2018 | 611 | 612,621 |
|--|-----|---------|

NBTY, Inc.

| | | |
|--|-------|-----------|
| Term Loan, 3.50%, Maturing October 1, 2017 | 5,409 | 5,412,381 |
|--|-------|-----------|

Pinnacle Foods Finance LLC

| | | |
|---|-----|---------|
| Term Loan, 3.25%, Maturing April 29, 2020 | 697 | 691,820 |
|---|-----|---------|

| | | |
|---|-------|-----------|
| Term Loan, 3.25%, Maturing April 29, 2020 | 3,737 | 3,710,555 |
|---|-------|-----------|

\$ 34,098,563

Eaton Vance

Senior Floating-Rate Trust

April 30, 2014

Portfolio of Investments (Unaudited) continued

| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|--|---|----------------------|
| Food Service 4.8% | | |
| Aramark Corporation | | |
| Term Loan, 1.87%, Maturing July 26, 2016 | 304 | \$ 303,170 |
| Term Loan, 1.87%, Maturing July 26, 2016 | 169 | 169,121 |
| ARG IH Corporation | | |
| Term Loan, 5.00%, Maturing November 15, 2020 | 274 | 275,513 |
| Buffets, Inc. | | |
| Term Loan, 0.11%, Maturing April 22, 2015 ⁽⁴⁾ | 92 | 91,831 |
| Burger King Corporation | | |
| Term Loan, 3.75%, Maturing September 28, 2019 | 2,216 | 2,227,633 |
| CEC Entertainment Concepts, L.P. | | |
| Term Loan, 4.25%, Maturing February 14, 2021 | 725 | 720,166 |
| Centerplate, Inc. | | |
| Term Loan, 4.75%, Maturing November 13, 2019 | 470 | 471,247 |
| Darling International Inc. | | |
| Term Loan, 3.50%, Maturing January 6, 2021 | EUR 975 | 1,357,400 |
| DineEquity, Inc. | | |
| Term Loan, 3.75%, Maturing October 19, 2017 | 1,002 | 1,006,857 |
| Dunkin Brands, Inc. | | |
| Term Loan, 3.25%, Maturing February 7, 2021 | 2,998 | 2,972,476 |
| Landry s, Inc. | | |
| Term Loan, 4.00%, Maturing April 24, 2018 | 2,418 | 2,423,402 |
| NPC International, Inc. | | |
| Term Loan, 4.00%, Maturing December 28, 2018 | 662 | 662,327 |
| OSI Restaurant Partners, LLC | | |
| Term Loan, 3.50%, Maturing October 25, 2019 | 2,451 | 2,448,377 |
| P.F. Chang s China Bistro Inc. | | |
| Term Loan, 4.25%, Maturing July 2, 2019 | 409 | 409,835 |
| Seminole Hard Rock Entertainment, Inc. | | |
| Term Loan, 3.50%, Maturing May 14, 2020 | 273 | 271,630 |
| US Foods, Inc. | | |
| Term Loan, 4.50%, Maturing March 29, 2019 | 4,938 | 4,950,545 |
| Weight Watchers International, Inc. | | |
| Term Loan, 4.00%, Maturing April 2, 2020 | 6,856 | 5,360,813 |
| Wendy s International, Inc. | | |
| Term Loan, 3.25%, Maturing May 15, 2019 | 1,324 | 1,321,927 |
| | | \$ 27,444,270 |
| Food / Drug Retailers 4.4% | | |
| Albertson s, LLC | | |
| Term Loan, 4.25%, Maturing March 21, 2016 | 1,186 | \$ 1,190,678 |

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| | | |
|--|--------------------------|----------------------|
| Term Loan, 4.75%, Maturing March 21, 2019 | 1,148 | 1,153,771 |
| Alliance Boots Holdings Limited | | |
| Term Loan, 3.76%, Maturing July 10, 2017 | EUR 1,000 | 1,391,577 |
| Term Loan, 3.96%, Maturing July 10, 2017 | GBP 5,775 | 9,759,651 |
| | Principal Amount* | |
| Borrower/Tranche Description | (000 s omitted) | Value |
| Food / Drug Retailers (continued) | | |
| General Nutrition Centers, Inc. | | |
| Term Loan, 3.25%, Maturing March 4, 2019 | 6,106 | \$ 6,072,500 |
| Pantry, Inc. (The) | | |
| Term Loan, 4.75%, Maturing August 2, 2019 | 419 | 421,231 |
| Rite Aid Corporation | | |
| Term Loan, 3.50%, Maturing February 21, 2020 | 2,308 | 2,306,360 |
| Term Loan - Second Lien, 5.75%, Maturing August 21, 2020 | 450 | 460,462 |
| Supervalu Inc. | | |
| Term Loan, 4.50%, Maturing March 21, 2019 | 2,701 | 2,696,935 |
| | | \$ 25,453,165 |
| Forest Products 0.1% | | |
| Expera Specialty Solutions, LLC | | |
| Term Loan, 7.50%, Maturing December 21, 2018 | 521 | \$ 527,576 |
| | | \$ 527,576 |
| Health Care 13.7% | | |
| Alere, Inc. | | |
| Term Loan, 4.25%, Maturing June 30, 2017 | 466 | \$ 465,694 |
| Term Loan, 4.25%, Maturing June 30, 2017 | 562 | 562,062 |
| Term Loan, 4.25%, Maturing June 30, 2017 | 2,316 | 2,317,362 |
| Alliance Healthcare Services, Inc. | | |
| Term Loan, 4.25%, Maturing June 3, 2019 | 1,241 | 1,241,596 |
| Amneal Pharmaceuticals LLC | | |
| Term Loan, 5.75%, Maturing November 1, 2019 | 547 | 551,354 |
| Ardent Medical Services, Inc. | | |
| Term Loan, 6.75%, Maturing July 2, 2018 | 3,016 | 2,985,432 |
| ATI Holdings, Inc. | | |
| Term Loan, 5.00%, Maturing December 20, 2019 | 444 | 450,207 |
| Biomet Inc. | | |
| Term Loan, 3.66%, Maturing July 25, 2017 | 5,858 | 5,874,345 |
| BSN Medical Inc. | | |
| Term Loan, 4.00%, Maturing August 28, 2019 | 575 | 575,959 |
| CeramTec Acquisition Corporation | | |
| Term Loan, 4.25%, Maturing August 28, 2020 | 33 | 33,248 |
| CHG Buyer Corporation | | |
| Term Loan, 4.25%, Maturing November 19, 2019 | 839 | 838,712 |
| Community Health Systems, Inc. | | |
| Term Loan, 3.47%, Maturing January 25, 2017 | 1,868 | 1,872,138 |
| Term Loan, 4.25%, Maturing January 27, 2021 | 7,448 | 7,481,008 |
| Convatec Inc. | | |
| Term Loan, 4.00%, Maturing December 22, 2016 | 1,426 | 1,428,397 |

Eaton Vance

Senior Floating-Rate Trust

April 30, 2014

Portfolio of Investments (Unaudited) continued

| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|--|---|--------------|
| Health Care (continued) | | |
| DaVita, Inc. | | |
| Term Loan, 4.50%, Maturing October 20, 2016 | 2,903 | \$ 2,912,644 |
| Term Loan, 4.00%, Maturing November 1, 2019 | 3,086 | 3,098,315 |
| DJO Finance LLC | | |
| Term Loan, 4.25%, Maturing September 15, 2017 | 579 | 579,431 |
| Envision Healthcare Corporation | | |
| Term Loan, 4.00%, Maturing May 25, 2018 | 2,008 | 2,009,444 |
| Faenza Acquisition GmbH | | |
| Term Loan, 4.25%, Maturing August 28, 2020 | 103 | 102,705 |
| Term Loan, 4.25%, Maturing August 31, 2020 | 336 | 335,652 |
| Gentiva Health Services, Inc. | | |
| Term Loan, 6.50%, Maturing October 18, 2019 | 1,397 | 1,383,845 |
| Grifols Worldwide Operations USA, Inc. | | |
| Term Loan, 3.15%, Maturing February 27, 2021 | 4,750 | 4,729,546 |
| HCA, Inc. | | |
| Term Loan, 2.90%, Maturing March 31, 2017 | 2,332 | 2,332,194 |
| Hologic Inc. | | |
| Term Loan, 3.25%, Maturing August 1, 2019 | 1,495 | 1,489,586 |
| Iasis Healthcare LLC | | |
| Term Loan, 4.50%, Maturing May 3, 2018 | 1,625 | 1,627,757 |
| inVentiv Health, Inc. | | |
| Term Loan, 7.50%, Maturing August 4, 2016 | 1,007 | 1,010,704 |
| Term Loan, 7.75%, Maturing May 15, 2018 | 2,396 | 2,386,895 |
| JLL/Delta Dutch Newco B.V. | | |
| Term Loan, 4.25%, Maturing March 11, 2021 | 875 | 867,480 |
| Term Loan, 4.50%, Maturing March 11, 2021 | EUR 300 | 416,378 |
| Kindred Healthcare, Inc. | | |
| Term Loan, 4.00%, Maturing April 9, 2021 | 1,500 | 1,490,625 |
| Kinetic Concepts, Inc. | | |
| Term Loan, 4.00%, Maturing May 4, 2018 | 4,507 | 4,513,662 |
| LHP Hospital Group, Inc. | | |
| Term Loan, 9.00%, Maturing July 3, 2018 | 889 | 861,984 |
| Mallinckrodt International Finance S.A. | | |
| Term Loan, 3.50%, Maturing March 19, 2021 | 1,525 | 1,514,397 |
| MedAssets, Inc. | | |
| Term Loan, 4.00%, Maturing December 13, 2019 | 363 | 363,180 |
| MMM Holdings, Inc. | | |
| Term Loan, 9.75%, Maturing December 12, 2017 | 611 | 615,605 |
| MSO of Puerto Rico, Inc. | | |
| Term Loan, 9.75%, Maturing December 12, 2017 | 444 | 447,010 |
| National Mentor Holdings, Inc. | | |
| Term Loan, 4.75%, Maturing January 27, 2021 | 525 | 526,641 |
| Onex Carestream Finance LP | | |

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| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|---|---|----------------------|
| Term Loan, 5.00%, Maturing June 7, 2019 | 2,777 | 2,788,420 |
| | | |
| Health Care (continued) | | |
| Opal Acquisition, Inc. | | |
| Term Loan, 5.00%, Maturing November 27, 2020 | 1,646 | \$ 1,650,401 |
| Pharmaceutical Product Development LLC | | |
| Term Loan, 4.00%, Maturing December 5, 2018 | 1,901 | 1,900,462 |
| PharMedium Healthcare Corporation | | |
| Term Loan, 4.25%, Maturing January 28, 2021 | 275 | 273,854 |
| PRA Holdings, Inc. | | |
| Term Loan, 4.50%, Maturing September 23, 2020 | 1,269 | 1,264,430 |
| Radnet Management, Inc. | | |
| Term Loan, 4.28%, Maturing October 10, 2018 | 1,780 | 1,778,394 |
| Regionalcare Hospital Partners, Inc. | | |
| Term Loan, Maturing April 19, 2019 ⁽³⁾ | 425 | 423,938 |
| Sage Products Holdings III, LLC | | |
| Term Loan, 4.25%, Maturing December 13, 2019 | 499 | 500,095 |
| Salix Pharmaceuticals, Ltd. | | |
| Term Loan, 4.25%, Maturing January 2, 2020 | 691 | 695,282 |
| Select Medical Corporation | | |
| Term Loan, 2.99%, Maturing December 20, 2016 | 225 | 224,438 |
| Term Loan, 3.75%, Maturing June 1, 2018 | 1,150 | 1,142,784 |
| Sheridan Holdings, Inc. | | |
| Term Loan, 4.50%, Maturing June 29, 2018 | 639 | 639,438 |
| Steward Health Care System LLC | | |
| Term Loan, 6.75%, Maturing April 13, 2020 | 347 | 344,335 |
| TriZetto Group, Inc. (The) | | |
| Term Loan, 4.75%, Maturing May 2, 2018 | 1,387 | 1,384,728 |
| Truven Health Analytics Inc. | | |
| Term Loan, 4.50%, Maturing June 6, 2019 | 1,625 | 1,616,170 |
| U.S. Renal Care, Inc. | | |
| Term Loan, 4.25%, Maturing July 3, 2019 | 299 | 299,060 |
| | | \$ 79,219,423 |
| | | |
| Home Furnishings 0.6% | | |
| Interline Brands, Inc. | | |
| Term Loan, 4.00%, Maturing March 15, 2021 | 225 | \$ 223,594 |
| Serta Simmons Holdings, LLC | | |
| Term Loan, 4.25%, Maturing October 1, 2019 | 1,600 | 1,603,838 |
| Tempur-Pedic International Inc. | | |
| Term Loan, 3.50%, Maturing March 18, 2020 | 1,495 | 1,488,519 |
| | | \$ 3,315,951 |
| | | |
| Industrial Equipment 3.4% | | |
| Alliance Laundry Systems LLC | | |
| Term Loan, 4.25%, Maturing December 10, 2018 | 314 | \$ 314,935 |

Eaton Vance

Senior Floating-Rate Trust

April 30, 2014

Portfolio of Investments (Unaudited) continued

| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|---|---|----------------------|
| Industrial Equipment (continued) | | |
| Apex Tool Group, LLC Term Loan, 4.50%, Maturing January 31, 2020 | 718 | \$ 711,726 |
| Filtration Group Corporation Term Loan - Second Lien, 8.25%, Maturing November 21, 2021 | 1,000 | 1,023,125 |
| Gardner Denver, Inc. Term Loan, 4.25%, Maturing July 30, 2020 | 1,841 | 1,839,495 |
| Term Loan, 4.75%, Maturing July 30, 2020 | EUR 398 | 554,811 |
| Generac Power Systems, Inc. Term Loan, 3.25%, Maturing May 31, 2020 | 1,695 | 1,690,047 |
| Grede LLC Term Loan, 4.51%, Maturing May 2, 2018 | 817 | 818,709 |
| Husky Injection Molding Systems Ltd. Term Loan, 4.25%, Maturing June 29, 2018 | 3,522 | 3,534,581 |
| Milacron LLC Term Loan, 4.00%, Maturing March 30, 2020 | 521 | 522,302 |
| Paladin Brands Holding, Inc. Term Loan, 6.76%, Maturing August 16, 2019 | 741 | 742,014 |
| Rexnord LLC Term Loan, 4.00%, Maturing August 21, 2020 | 4,602 | 4,593,725 |
| Spansion LLC Term Loan, 3.75%, Maturing December 19, 2019 | 1,012 | 1,012,221 |
| STS Operating, Inc. Term Loan, 4.75%, Maturing February 19, 2021 | 300 | 300,937 |
| Tank Holding Corp. Term Loan, 4.25%, Maturing July 9, 2019 | 872 | 870,659 |
| Terex Corporation Term Loan, 3.50%, Maturing April 28, 2017 | 520 | 522,005 |
| Unifrax Corporation Term Loan, 3.48%, Maturing November 28, 2018 | 333 | 332,276 |
| Virtuoso US LLC Term Loan, 4.75%, Maturing February 11, 2021 | 425 | 427,524 |
| | | \$ 19,811,092 |
| Insurance 4.4% | | |
| Alliant Holdings I, Inc. Term Loan, 4.25%, Maturing December 20, 2019 | 1,927 | \$ 1,928,908 |
| AmWINS Group, LLC Term Loan, 5.00%, Maturing September 6, 2019 | 4,771 | 4,781,318 |
| Applied Systems, Inc. Term Loan, 4.25%, Maturing January 25, 2021 | 848 | 848,759 |

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| Borrower/Tranche Description | Principal Amount* | Value |
|---|------------------------------|----------------------|
| | (000 s omitted) | |
| Asurion LLC | | |
| Term Loan, 5.00%, Maturing May 24, 2019 | 8,471 | 8,485,569 |
| Term Loan, 4.25%, Maturing July 8, 2020 | 968 | 956,974 |
| Term Loan - Second Lien, 8.50%, Maturing March 3, 2021 | 1,025 | 1,051,052 |
| | Principal Amount* | |
| | (000 s omitted) | Value |
| <i>Insurance (continued)</i> | | |
| Cooper Gay Swett & Crawford Ltd. | | |
| Term Loan, 5.00%, Maturing April 16, 2020 | 471 | \$ 462,402 |
| Cunningham Lindsey U.S. Inc. | | |
| Term Loan, 5.00%, Maturing December 10, 2019 | 889 | 890,789 |
| Term Loan - Second Lien, 9.25%, Maturing June 10, 2020 | 1,000 | 1,005,938 |
| Hub International Limited | | |
| Term Loan, 4.25%, Maturing October 2, 2020 | 2,811 | 2,809,821 |
| USI, Inc. | | |
| Term Loan, 4.25%, Maturing December 27, 2019 | 2,374 | 2,367,583 |
| | | \$ 25,589,113 |
| <i>Leisure Goods / Activities / Movies 5.9%</i> | | |
| Bally Technologies, Inc. | | |
| Term Loan, 4.25%, Maturing November 25, 2020 | 1,318 | \$ 1,320,839 |
| Bombardier Recreational Products, Inc. | | |
| Term Loan, 4.00%, Maturing January 30, 2019 | 3,225 | 3,216,845 |
| Bright Horizons Family Solutions, Inc. | | |
| Term Loan, 4.00%, Maturing January 30, 2020 | 889 | 889,305 |
| ClubCorp Club Operations, Inc. | | |
| Term Loan, 4.00%, Maturing July 24, 2020 | 2,503 | 2,499,551 |
| Dave & Buster's, Inc. | | |
| Term Loan, 4.50%, Maturing June 1, 2016 | 960 | 962,400 |
| Delta 2 (LUX) S.a.r.l. | | |
| Term Loan, 4.50%, Maturing April 30, 2019 | 1,960 | 1,973,726 |
| Emerald Expositions Holding, Inc. | | |
| Term Loan, 5.50%, Maturing June 17, 2020 | 1,068 | 1,076,897 |
| Equinox Holdings, Inc. | | |
| Term Loan, 4.25%, Maturing January 31, 2020 | 1,938 | 1,938,000 |
| Fender Musical Instruments Corporation | | |
| Term Loan, 5.75%, Maturing April 3, 2019 | 423 | 425,921 |
| Kasima, LLC | | |
| Term Loan, 3.25%, Maturing May 17, 2021 | 975 | 971,344 |
| Live Nation Entertainment, Inc. | | |
| Term Loan, 3.50%, Maturing August 17, 2020 | 2,559 | 2,551,414 |
| Nord Anglia Education Limited | | |
| Term Loan, 4.50%, Maturing March 19, 2021 | 850 | 853,719 |
| Revolution Studios Distribution Company, LLC | | |
| Term Loan, 3.91%, Maturing December 21, 2014 | 672 | 594,318 |
| Term Loan - Second Lien, 7.16%, Maturing June 21, 2015 ⁽⁴⁾ | 800 | 644,080 |
| Sabre, Inc. | | |
| Term Loan, 4.25%, Maturing February 19, 2019 | 1,185 | 1,184,754 |
| SeaWorld Parks & Entertainment, Inc. | | |
| Term Loan, 3.00%, Maturing May 14, 2020 | 2,858 | 2,800,162 |

Eaton Vance

Senior Floating-Rate Trust

April 30, 2014

Portfolio of Investments (Unaudited) continued

| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|--|---|----------------------|
| Leisure Goods / Activities / Movies (continued) | | |
| Six Flags Theme Parks, Inc. | | |
| Term Loan, 3.50%, Maturing December 20, 2018 | 1,437 | \$ 1,441,991 |
| Sonifi Solutions, Inc. | | |
| Term Loan, 6.75%, Maturing March 31, 2018 | 1,041 | 413,867 |
| SRAM, LLC | | |
| Term Loan, 4.01%, Maturing April 10, 2020 | 1,881 | 1,864,214 |
| Town Sports International Inc. | | |
| Term Loan, 4.50%, Maturing November 16, 2020 | 1,247 | 1,212,586 |
| US Finco LLC | | |
| Term Loan, 4.00%, Maturing May 29, 2020 | 471 | 470,701 |
| Term Loan - Second Lien, 8.25%, Maturing November 30, 2020 | 1,000 | 1,025,000 |
| WMG Acquisition Corp. | | |
| Term Loan, 3.75%, Maturing July 1, 2020 | 547 | 543,077 |
| Zuffa LLC | | |
| Term Loan, 3.75%, Maturing February 25, 2020 | 2,864 | 2,854,805 |
| | | \$ 33,729,516 |
| Lodging and Casinos 4.9% | | |
| Affinity Gaming, LLC | | |
| Term Loan, 4.25%, Maturing November 9, 2017 | 388 | \$ 386,391 |
| Boyd Gaming Corporation | | |
| Term Loan, 4.00%, Maturing August 14, 2020 | 491 | 491,001 |
| Caesars Entertainment Operating Company | | |
| Term Loan, 5.40%, Maturing January 26, 2018 | 1,035 | 967,593 |
| CityCenter Holdings, LLC | | |
| Term Loan, 5.00%, Maturing October 16, 2020 | 873 | 878,404 |
| Four Seasons Holdings Inc. | | |
| Term Loan - Second Lien, 6.25%, Maturing December 28, 2020 | 2,650 | 2,696,375 |
| Gala Group Ltd. | | |
| Term Loan, 5.49%, Maturing May 28, 2018 | GBP 3,125 | 5,301,394 |
| Golden Nugget, Inc. | | |
| Term Loan, 5.50%, Maturing November 21, 2019 | 142 | 145,609 |
| Term Loan, 5.50%, Maturing November 21, 2019 | 332 | 339,753 |
| Hilton Worldwide Finance, LLC | | |
| Term Loan, 3.50%, Maturing October 26, 2020 | 5,991 | 5,978,724 |
| La Quinta Intermediate Holdings LLC | | |
| Term Loan, 4.00%, Maturing February 19, 2021 | 1,175 | 1,172,063 |
| Las Vegas Sands LLC | | |
| Term Loan, 3.25%, Maturing December 20, 2020 | 1,920 | 1,911,387 |
| MGM Resorts International | | |

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| | | |
|--|--------------------------|----------------------|
| Term Loan, 3.50%, Maturing December 20, 2019 | 2,469 | 2,457,179 |
| Pinnacle Entertainment, Inc. | | |
| Term Loan, 3.75%, Maturing August 13, 2020 | 855 | 853,730 |
| | Principal Amount* | |
| Borrower/Tranche Description | (000 s omitted) | Value |
| | | |
| <i>Lodging and Casinos (continued)</i> | | |
| Playa Resorts Holding B.V. | | |
| Term Loan, 4.00%, Maturing August 6, 2019 | 498 | \$ 499,677 |
| Scientific Games International, Inc. | | |
| Term Loan, 4.25%, Maturing October 18, 2020 | 3,641 | 3,634,503 |
| Tropicana Entertainment Inc. | | |
| Term Loan, 4.00%, Maturing November 27, 2020 | 373 | 374,058 |
| | | \$ 28,087,841 |
| | | |
| <i>Nonferrous Metals / Minerals 3.1%</i> | | |
| Alpha Natural Resources, LLC | | |
| Term Loan, 3.50%, Maturing May 22, 2020 | 1,782 | \$ 1,721,221 |
| Arch Coal Inc. | | |
| Term Loan, 6.25%, Maturing May 16, 2018 | 3,593 | 3,502,215 |
| Constellium Holdco B.V. | | |
| Term Loan, 7.00%, Maturing March 25, 2020 | 520 | 528,846 |
| Fairmount Minerals LTD | | |
| Term Loan, 4.50%, Maturing September 5, 2019 | 2,040 | 2,048,419 |
| Minerals Technology Inc. | | |
| Term Loan, Maturing April 14, 2021 ⁽³⁾ | 2,000 | 1,999,976 |
| Murray Energy Corporation | | |
| Term Loan, 5.25%, Maturing December 5, 2019 | 1,375 | 1,386,458 |
| Noranda Aluminum Acquisition Corporation | | |
| Term Loan, 5.75%, Maturing February 28, 2019 | 1,005 | 959,716 |
| Novelis, Inc. | | |
| Term Loan, 3.75%, Maturing March 10, 2017 | 2,641 | 2,639,849 |
| Oxbow Carbon LLC | | |
| Term Loan, 4.25%, Maturing July 19, 2019 | 457 | 458,616 |
| Term Loan - Second Lien, 8.00%, Maturing January 17, 2020 | 775 | 791,953 |
| United Central Industrial Supply Company, L.L.C. | | |
| Term Loan - Second Lien, 12.50%, Maturing April 9, 2019 | 500 | 492,188 |
| Walter Energy, Inc. | | |
| Term Loan, 7.25%, Maturing April 2, 2018 | 1,607 | 1,552,437 |
| | | \$ 18,081,894 |
| | | |
| <i>Oil and Gas 5.6%</i> | | |
| Ameriforge Group, Inc. | | |
| Term Loan, 5.00%, Maturing December 19, 2019 | 867 | \$ 872,846 |
| Term Loan - Second Lien, 8.75%, Maturing December 19, 2020 | 2,375 | 2,434,375 |
| Bronco Midstream Funding LLC | | |
| Term Loan, 5.00%, Maturing August 17, 2020 | 1,738 | 1,752,181 |
| Citgo Petroleum Corporation | | |
| Term Loan, 8.00%, Maturing June 24, 2015 | 139 | 140,118 |
| Term Loan, 9.00%, Maturing June 23, 2017 | 2,166 | 2,196,441 |

Eaton Vance

Senior Floating-Rate Trust

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Portfolio of Investments (Unaudited) continued

| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|---|---|----------------------|
| Oil and Gas (continued) | | |
| Crestwood Holdings LLC | | |
| Term Loan, 7.00%, Maturing June 19, 2019 | 1,902 | \$ 1,933,362 |
| Fieldwood Energy LLC | | |
| Term Loan, 3.88%, Maturing September 28, 2018 | 1,045 | 1,042,544 |
| MEG Energy Corp. | | |
| Term Loan, 3.75%, Maturing March 31, 2020 | 7,415 | 7,412,258 |
| Obsidian Natural Gas Trust | | |
| Term Loan, 7.00%, Maturing November 2, 2015 | 1,313 | 1,331,449 |
| Ruby Western Pipeline Holdings, LLC | | |
| Term Loan, 3.50%, Maturing March 27, 2020 | 423 | 422,796 |
| Samson Investment Company | | |
| Term Loan - Second Lien, 5.00%, Maturing September 25, 2018 | 1,850 | 1,854,048 |
| Seadrill Partners Finco LLC | | |
| Term Loan, 4.00%, Maturing February 21, 2021 | 2,818 | 2,791,299 |
| Sheridan Investment Partners II, L.P. | | |
| Term Loan, 4.25%, Maturing December 16, 2020 | 36 | 36,060 |
| Term Loan, 4.25%, Maturing December 16, 2020 | 96 | 96,690 |
| Term Loan, 4.25%, Maturing December 16, 2020 | 691 | 695,074 |
| Sheridan Production Partners I, LLC | | |
| Term Loan, 4.25%, Maturing September 25, 2019 | 160 | 160,786 |
| Term Loan, 4.25%, Maturing September 25, 2019 | 262 | 263,237 |
| Term Loan, 4.25%, Maturing October 1, 2019 | 1,974 | 1,982,869 |
| Tallgrass Operations, LLC | | |
| Term Loan, 4.25%, Maturing November 13, 2018 | 1,513 | 1,524,653 |
| Tervita Corporation | | |
| Term Loan, 6.25%, Maturing May 15, 2018 | 3,114 | 3,073,705 |
| | | \$ 32,016,791 |
| Publishing 5.2% | | |
| Advanstar Communications Inc. | | |
| Term Loan, 5.50%, Maturing April 29, 2019 | 767 | \$ 772,045 |
| American Greetings Corporation | | |
| Term Loan, 4.02%, Maturing August 9, 2019 | 1,069 | 1,072,579 |
| Ascend Learning, Inc. | | |
| Term Loan, 6.00%, Maturing July 31, 2019 | 1,272 | 1,273,933 |
| Flint Group SA | | |
| Term Loan, 5.58%, Maturing December 31, 2016 | 1,342 | 1,349,524 |
| Term Loan, 5.58%, Maturing December 31, 2016 | 1,614 | 1,624,085 |
| Getty Images, Inc. | | |
| Term Loan, 4.75%, Maturing October 18, 2019 | 4,715 | 4,523,017 |

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| | | |
|---|------------------------|----------------------|
| Interactive Data Corporation | | |
| Term Loan, 3.75%, Maturing February 11, 2018 | 4,118 | 4,117,427 |
| Term Loan, Maturing April 30, 2021 ⁽³⁾ | 1,600 | 1,592,000 |
| Laureate Education, Inc. | | |
| Term Loan, 5.00%, Maturing June 15, 2018 | 7,701 | 7,611,746 |
| | Principal | |
| | Amount* | |
| | (000 s omitted) | Value |
| Borrower/Tranche Description | | |
| | | |
| Publishing (continued) | | |
| McGraw-Hill Global Education Holdings, LLC | | |
| Term Loan, 5.75%, Maturing March 22, 2019 | 699 | \$ 704,883 |
| Media General Inc. | | |
| Term Loan, 4.25%, Maturing July 31, 2020 | 1,081 | 1,084,216 |
| Merrill Communications, LLC | | |
| Term Loan, 5.75%, Maturing March 8, 2018 | 655 | 662,308 |
| Multi Packaging Solutions, Inc. | | |
| Term Loan, 4.25%, Maturing September 30, 2020 | 375 | 376,250 |
| Nelson Education Ltd. | | |
| Term Loan, 2.73%, Maturing July 3, 2014 | 431 | 351,110 |
| Penton Media, Inc. | | |
| Term Loan, 5.50%, Maturing October 1, 2019 | 597 | 603,467 |
| Rentpath, Inc. | | |
| Term Loan, 6.25%, Maturing May 29, 2020 | 1,042 | 1,027,118 |
| Springer Science+Business Media Deutschland GmbH | | |
| Term Loan, 5.00%, Maturing August 14, 2020 | 1,119 | 1,121,241 |
| | | \$ 29,866,949 |
| | | |
| Radio and Television 2.8% | | |
| Clear Channel Communications, Inc. | | |
| Term Loan, 3.80%, Maturing January 29, 2016 | 20 | \$ 19,566 |
| Term Loan, 6.90%, Maturing January 30, 2019 | 1,132 | 1,124,171 |
| Term Loan, 7.65%, Maturing July 30, 2019 | 364 | 365,097 |
| Cumulus Media Holdings Inc. | | |
| Term Loan, 4.25%, Maturing December 23, 2020 | 4,387 | 4,387,100 |
| Entercom Radio, LLC | | |
| Term Loan, 4.03%, Maturing November 23, 2018 | 399 | 399,557 |
| Gray Television, Inc. | | |
| Term Loan, 4.50%, Maturing October 15, 2019 | 440 | 441,954 |
| Hubbard Radio, LLC | | |
| Term Loan, 4.50%, Maturing April 29, 2019 | 761 | 763,881 |
| LIN Television Corp. | | |
| Term Loan, 4.00%, Maturing December 21, 2018 | 587 | 588,619 |
| Mission Broadcasting, Inc. | | |
| Term Loan, 3.75%, Maturing October 1, 2020 | 638 | 637,432 |
| Nexstar Broadcasting, Inc. | | |
| Term Loan, 3.75%, Maturing October 1, 2020 | 724 | 722,857 |
| Nine Entertainment Group Pty Ltd. | | |
| Term Loan, 3.25%, Maturing February 5, 2020 | 743 | 732,600 |
| Raycom TV Broadcasting, Inc. | | |
| Term Loan, 4.25%, Maturing May 31, 2017 | 851 | 854,927 |
| Sinclair Television Group Inc. | | |
| Term Loan, 3.00%, Maturing April 9, 2020 | 495 | 488,570 |
| TWCC Holding Corp. | | |
| Term Loan, 3.50%, Maturing February 13, 2017 | 1,079 | 1,066,506 |

Eaton Vance

Senior Floating-Rate Trust

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Portfolio of Investments (Unaudited) continued

| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|---|---|----------------------|
| Radio and Television (continued) | | |
| Univision Communications Inc. | | |
| Term Loan, 4.00%, Maturing March 1, 2020 | 3,787 | \$ 3,772,700 |
| | | \$ 16,365,537 |
| Retailers (Except Food and Drug) 8.2% | | |
| 99 Cents Only Stores | | |
| Term Loan, 4.50%, Maturing January 11, 2019 | 1,936 | \$ 1,942,413 |
| B&M Retail Limited | | |
| Term Loan, 5.77%, Maturing February 18, 2020 | GBP 1,825 | 3,098,661 |
| Bass Pro Group, LLC | | |
| Term Loan, 3.23%, Maturing November 20, 2019 | 2,388 | 2,390,718 |
| CDW LLC | | |
| Term Loan, 3.25%, Maturing April 29, 2020 | 4,926 | 4,880,193 |
| David s Bridal, Inc. | | |
| Term Loan, 5.00%, Maturing October 11, 2019 | 621 | 617,676 |
| Evergreen Acqco 1 LP | | |
| Term Loan, 5.00%, Maturing July 9, 2019 | 663 | 665,423 |
| Harbor Freight Tools USA, Inc. | | |
| Term Loan, 4.75%, Maturing July 26, 2019 | 1,117 | 1,121,861 |
| Hudson s Bay Company | | |
| Term Loan, 4.75%, Maturing November 4, 2020 | 3,631 | 3,662,959 |
| J Crew Group, Inc. | | |
| Term Loan, 4.08%, Maturing March 5, 2021 | 2,900 | 2,888,400 |
| Jo-Ann Stores, Inc. | | |
| Term Loan, 4.00%, Maturing March 16, 2018 | 1,905 | 1,894,994 |
| Men s Wearhouse, Inc. (The) | | |
| Term Loan, Maturing March 11, 2021 ⁽³⁾ | 1,450 | 1,448,006 |
| Michaels Stores, Inc. | | |
| Term Loan, 3.75%, Maturing January 28, 2020 | 2,549 | 2,550,160 |
| Neiman Marcus Group, Inc. (The) | | |
| Term Loan, 4.25%, Maturing October 25, 2020 | 4,289 | 4,285,677 |
| Party City Holdings Inc. | | |
| Term Loan, 4.00%, Maturing July 27, 2019 | 2,348 | 2,342,712 |
| Pep Boys-Manny, Moe & Jack (The) | | |
| Term Loan, 4.25%, Maturing October 11, 2018 | 469 | 471,402 |
| Petco Animal Supplies, Inc. | | |
| Term Loan, 4.00%, Maturing November 24, 2017 | 2,187 | 2,190,520 |
| PFS Holding Corporation | | |
| Term Loan, 4.50%, Maturing January 31, 2021 | 975 | 979,266 |
| Pier 1 Imports (U.S.), Inc. | | |

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| | | |
|--|--------------------------|----------------------|
| Term Loan, Maturing April 23, 2021 ⁽³⁾ | 525 | 523,688 |
| Pilot Travel Centers LLC | | |
| Term Loan, 3.75%, Maturing March 30, 2018 | 1,742 | 1,748,983 |
| Term Loan, 4.25%, Maturing August 7, 2019 | 590 | 591,951 |
| | Principal Amount* | |
| | (000 s omitted) | Value |
| Borrower/Tranche Description | | |
| <i>Retailers (Except Food and Drug) (continued)</i> | | |
| Rent-A-Center, Inc. | | |
| Term Loan, 3.75%, Maturing March 19, 2021 | 500 | \$ 496,250 |
| Spin Holdco Inc. | | |
| Term Loan, 4.25%, Maturing November 14, 2019 | 2,613 | 2,609,732 |
| Toys R Us Property Company I, LLC | | |
| Term Loan, 6.00%, Maturing August 21, 2019 | 821 | 787,219 |
| Visant Corporation | | |
| Term Loan, 5.25%, Maturing December 22, 2016 | 1,280 | 1,253,133 |
| Vivarte SA | | |
| Term Loan, 0.00%, Maturing March 9, 2015 ⁽²⁾ | EUR 29 | 14,800 |
| Term Loan, 0.00%, Maturing March 9, 2015 ⁽²⁾ | EUR 62 | 32,359 |
| Term Loan, 0.00%, Maturing March 9, 2015 ⁽²⁾ | EUR 347 | 179,855 |
| Term Loan, 0.00%, Maturing March 8, 2016 ⁽²⁾ | EUR 18 | 9,532 |
| Term Loan, 0.00%, Maturing March 8, 2016 ⁽²⁾ | EUR 71 | 36,874 |
| Term Loan, 0.00%, Maturing March 8, 2016 ⁽²⁾ | EUR 440 | 228,268 |
| Term Loan, 0.00%, Maturing March 30, 2018 ⁽²⁾ | EUR 1,000 | 517,778 |
| Wilton Brands LLC | | |
| Term Loan, 7.50%, Maturing August 30, 2018 | 593 | 568,934 |
| | | \$ 47,030,397 |
| <i>Steel 2.2%</i> | | |
| Essar Steel Algoma, Inc. | | |
| Term Loan, 9.25%, Maturing September 20, 2014 | 1,034 | \$ 1,038,614 |
| FMG Resources (August 2006) Pty Ltd. | | |
| Term Loan, 4.25%, Maturing June 28, 2019 | 6,111 | 6,115,337 |
| JFB Firth Rixson Inc. | | |
| Term Loan, 5.00%, Maturing June 30, 2017 | GBP 741 | 1,255,355 |
| JMC Steel Group, Inc. | | |
| Term Loan, 4.75%, Maturing April 3, 2017 | 679 | 679,431 |
| Neenah Foundry Company | | |
| Term Loan, 6.76%, Maturing April 26, 2017 | 427 | 425,827 |
| Patriot Coal Corporation | | |
| Term Loan, 9.00%, Maturing December 15, 2018 | 1,496 | 1,499,367 |
| SunCoke Energy, Inc. | | |
| Term Loan, 4.00%, Maturing July 26, 2018 | 151 | 151,092 |
| Waupaca Foundry, Inc. | | |
| Term Loan, 4.00%, Maturing June 29, 2017 | 1,417 | 1,421,721 |
| | | \$ 12,586,744 |
| <i>Surface Transport 0.8%</i> | | |
| Hertz Corporation (The) | | |
| Term Loan, 3.75%, Maturing March 12, 2018 | 1,778 | \$ 1,775,648 |
| Stena International S.a.r.l | | |
| Term Loan, 4.00%, Maturing March 3, 2021 | 1,575 | 1,570,078 |

Eaton Vance

Senior Floating-Rate Trust

April 30, 2014

Portfolio of Investments (Unaudited) continued

| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|---|---|----------------------|
| Surface Transport (continued) | | |
| Swift Transportation Co. Inc. | | |
| Term Loan, 4.00%, Maturing December 21, 2017 | 1,172 | \$ 1,176,502 |
| | | \$ 4,522,228 |
| Telecommunications 4.4% | | |
| Arris Group, Inc. | | |
| Term Loan, 3.50%, Maturing April 17, 2020 | 883 | \$ 876,080 |
| Cellular South, Inc. | | |
| Term Loan, 3.25%, Maturing May 22, 2020 | 396 | 394,763 |
| Crown Castle Operating Company | | |
| Term Loan, 3.25%, Maturing January 31, 2021 | 2,974 | 2,959,802 |
| Intelsat Jackson Holdings S.A. | | |
| Term Loan, 3.75%, Maturing June 30, 2019 | 7,550 | 7,557,867 |
| Mitel US Holdings, Inc. | | |
| Term Loan, 5.34%, Maturing January 31, 2020 | 324 | 327,294 |
| SBA Senior Finance II LLC | | |
| Term Loan, 3.25%, Maturing March 24, 2021 | 1,825 | 1,816,255 |
| Syniverse Holdings, Inc. | | |
| Term Loan, 4.00%, Maturing April 23, 2019 | 1,188 | 1,188,778 |
| Term Loan, 4.00%, Maturing April 23, 2019 | 1,776 | 1,777,065 |
| Telesat Canada | | |
| Term Loan, 3.50%, Maturing March 28, 2019 | 6,706 | 6,694,547 |
| Windstream Corporation | | |
| Term Loan, 3.50%, Maturing August 8, 2019 | 1,904 | 1,897,668 |
| | | \$ 25,490,119 |
| Utilities 2.5% | | |
| AES Corporation | | |
| Term Loan, 3.75%, Maturing June 1, 2018 | 2,664 | \$ 2,669,676 |
| Calpine Construction Finance Company, L.P. | | |
| Term Loan, 3.00%, Maturing May 3, 2020 | 1,042 | 1,018,352 |
| Term Loan, 3.25%, Maturing January 31, 2022 | 397 | 389,932 |
| Calpine Corporation | | |
| Term Loan, 4.00%, Maturing April 2, 2018 | 924 | 926,597 |
| Term Loan, 4.00%, Maturing April 2, 2018 | 2,716 | 2,722,790 |
| Term Loan, 4.00%, Maturing October 9, 2019 | 813 | 814,720 |
| Dynegy Holdings Inc. | | |
| Term Loan, 4.00%, Maturing April 23, 2020 | 962 | 961,614 |

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| | | |
|---|-----|---------|
| EFS Cogen Holdings I LLC | | |
| Term Loan, 3.75%, Maturing December 17, 2020 | 576 | 578,941 |
| Equipower Resources Holdings LLC | | |
| Term Loan, 4.25%, Maturing December 31, 2019 | 571 | 571,402 |
| La Frontera Generation, LLC | | |
| Term Loan, 4.50%, Maturing September 30, 2020 | 629 | 629,637 |

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

Utilities (continued)

| | | |
|---|-------|----------------------|
| PowerTeam Services, LLC | | |
| Term Loan, 3.68%, Maturing May 6, 2020 ⁽⁵⁾ | 33 | \$ 32,587 |
| Term Loan, 4.25%, Maturing May 6, 2020 | 265 | 262,902 |
| Raven Power Finance, LLC | | |
| Term Loan, 5.25%, Maturing December 19, 2020 | 1,307 | 1,322,665 |
| WTG Holdings III Corp. | | |
| Term Loan, 4.75%, Maturing January 15, 2021 | 399 | 400,871 |
| Term Loan - Second Lien, 8.50%, Maturing January 15, 2022 | 800 | 809,500 |
| | | \$ 14,112,186 |

Total Senior Floating-Rate Interests
(identified cost \$823,818,721) **\$ 821,500,405**

Corporate Bonds & Notes 12.3%

| | Principal Amount* | |
|--------------------------------------|------------------------------|-------------------|
| Security | (000 s omitted) | Value |
| Aerospace and Defense 0.0% | | |
| Alliant Techsystems, Inc. | | |
| 5.25%, 10/1/21 ⁽⁷⁾ | 45 | \$ 46,912 |
| CBC Ammo, LLC/CBC FinCo, Inc. | | |
| 7.25%, 11/15/21 ⁽⁷⁾ | 75 | 76,594 |
| GenCorp, Inc. | | |
| 7.125%, 3/15/21 | 50 | 54,500 |
| | | \$ 178,006 |

Automotive 0.1%

| | | |
|--|-----|-------------------|
| American Axle & Manufacturing, Inc. | | |
| 5.125%, 2/15/19 | 20 | \$ 21,050 |
| Chrysler Group, LLC | | |
| 8.25%, 6/15/21 ⁽⁷⁾ | 200 | 225,750 |
| General Motors Financial Co., Inc. | | |
| 4.75%, 8/15/17 | 70 | 75,075 |
| 3.25%, 5/15/18 | 10 | 10,138 |
| 4.25%, 5/15/23 | 30 | 29,512 |
| Navistar International Corp. | | |
| 8.25%, 11/1/21 | 105 | 107,231 |
| | | \$ 468,756 |

Beverage and Tobacco 0.0%

| | | |
|-----------------------------------|-----|------------|
| Constellation Brands, Inc. | | |
| 6.00%, 5/1/22 | 105 | \$ 117,075 |
| 4.25%, 5/1/23 | 100 | 98,500 |

Eaton Vance

Senior Floating-Rate Trust

April 30, 2014

Portfolio of Investments (Unaudited) continued

| Security | Principal Amount* (000 s omitted) | Value |
|--|---|-------------------|
| Brokers, Dealers and Investment Houses 0.0% | | |
| Alliance Data Systems Corp. 6.375%, 4/1/20 ⁽⁷⁾ | 55 | \$ 58,850 |
| E*TRADE Financial Corp. 6.00%, 11/15/17 | 15 | 15,806 |
| 6.375%, 11/15/19 | 45 | 49,106 |
| Nielsen Co. Luxembourg S.a.r.l. (The) 5.50%, 10/1/21 ⁽⁷⁾ | 35 | 36,663 |
| | | \$ 160,425 |
| Building and Development 0.1% | | |
| Brookfield Residential Properties, Inc. 6.50%, 12/15/20 ⁽⁷⁾ | 55 | \$ 58,162 |
| Builders FirstSource, Inc. 7.625%, 6/1/21 ⁽⁷⁾ | 70 | 75,425 |
| HD Supply, Inc. 8.125%, 4/15/19 | 35 | 38,938 |
| 7.50%, 7/15/20 | 70 | 76,125 |
| Interline Brands, Inc. 10.00%, 11/15/18 ⁽⁸⁾ | 130 | 142,025 |
| Nortek, Inc. 10.00%, 12/1/18 | 85 | 93,075 |
| 8.50%, 4/15/21 | 50 | 55,375 |
| USG Corp. 5.875%, 11/1/21 ⁽⁷⁾ | 35 | 37,231 |
| | | \$ 576,356 |
| Business Equipment and Services 0.3% | | |
| ADT Corp. (The) 6.25%, 10/15/21 ⁽⁷⁾ | 85 | \$ 88,825 |
| FTI Consulting, Inc. 6.00%, 11/15/22 | 40 | 41,000 |
| IMS Health, Inc. 6.00%, 11/1/20 ⁽⁷⁾ | 75 | 79,313 |
| Iron Mountain, Inc. 6.00%, 8/15/23 | 95 | 101,413 |
| Modular Space Corp. 10.25%, 1/31/19 ⁽⁷⁾ | 15 | 15,675 |
| National CineMedia, LLC | | |

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| | | |
|-------------------------------------|-----|---------|
| 6.00%, 4/15/22 | 790 | 833,450 |
| ServiceMaster Co. (The) | | |
| 8.00%, 2/15/20 | 110 | 119,212 |
| 7.00%, 8/15/20 | 40 | 42,400 |
| TransUnion Holding Co., Inc. | | |
| 8.125%, 6/15/18 ⁽⁸⁾ | 100 | 105,000 |

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

Business Equipment and Services (continued)

| | | |
|---|----|---------------------|
| United Rentals North America, Inc. | | |
| 8.375%, 9/15/20 | 20 | \$ 22,275 |
| 7.625%, 4/15/22 | 25 | 28,250 |
| 6.125%, 6/15/23 | 35 | 37,800 |
| | | \$ 1,514,613 |

Cable and Satellite Television 0.4%

| | | |
|--|-------|---------------------|
| AMC Networks, Inc. | | |
| 7.75%, 7/15/21 | 20 | \$ 22,500 |
| 4.75%, 12/15/22 | 35 | 35,088 |
| CCO Holdings, LLC/CCO Capital Corp. | | |
| 7.25%, 10/30/17 | 65 | 68,981 |
| 5.25%, 9/30/22 | 155 | 155,581 |
| 5.75%, 1/15/24 | 70 | 70,788 |
| DISH DBS Corp. | | |
| 6.75%, 6/1/21 | 205 | 232,162 |
| 5.875%, 7/15/22 | 70 | 75,688 |
| IAC/InterActiveCorp | | |
| 4.875%, 11/30/18 | 55 | 57,750 |
| Numericable Group SA | | |
| 4.875%, 5/15/19 ⁽⁷⁾⁽⁹⁾ | 390 | 394,387 |
| Unitymedia Hessen GmbH & Co. KG/Unitymedia NRW GmbH | | |
| 5.50%, 1/15/23 ⁽⁷⁾ | 1,000 | 1,015,000 |
| | | \$ 2,127,925 |

Chemicals and Plastics 1.7%

| | | |
|---|-----------|---------------------|
| Chemtura Corp. | | |
| 5.75%, 7/15/21 | 25 | \$ 26,063 |
| Hexion US Finance Corp. | | |
| 6.625%, 4/15/20 | 2,950 | 3,079,062 |
| Ineos Finance PLC | | |
| 7.25%, 2/15/19 ⁽⁷⁾⁽¹⁰⁾ | EUR 1,000 | 1,465,388 |
| 8.375%, 2/15/19 ⁽⁷⁾ | 1,825 | 2,016,625 |
| 7.50%, 5/1/20 ⁽⁷⁾ | 800 | 878,000 |
| Milacron, LLC/Mcron Finance Corp. | | |
| 7.75%, 2/15/21 ⁽⁷⁾ | 20 | 22,000 |
| Rockwood Specialties Group, Inc. | | |
| 4.625%, 10/15/20 | 130 | 133,900 |
| Trinseo Materials Operating S.C.A. | | |
| 8.75%, 2/1/19 | 2,000 | 2,135,000 |
| Tronox Finance, LLC | | |
| 6.375%, 8/15/20 | 155 | 158,875 |
| | | \$ 9,914,913 |

Eaton Vance

Senior Floating-Rate Trust

April 30, 2014

Portfolio of Investments (Unaudited) continued

| Security | Principal Amount* (000 s omitted) | Value |
|---|---|---------------------|
| Clothing / Textiles 0.0% | | |
| Levi Strauss & Co. 6.875%, 5/1/22 | 65 | \$ 72,231 |
| Quiksilver, Inc./QS Wholesale, Inc. 7.875%, 8/1/18 ⁽⁷⁾ | 10 | 10,900 |
| 10.00%, 8/1/20 | 5 | 5,700 |
| | | \$ 88,831 |
| Conglomerates 0.1% | | |
| Belden, Inc. 5.50%, 9/1/22 ⁽⁷⁾ | 20 | \$ 20,450 |
| Harbinger Group, Inc. 7.875%, 7/15/19 | 65 | 71,500 |
| Spectrum Brands, Inc. 6.375%, 11/15/20 | 50 | 54,500 |
| 6.625%, 11/15/22 | 70 | 76,825 |
| TMS International Corp. 7.625%, 10/15/21 ⁽⁷⁾ | 60 | 64,500 |
| | | \$ 287,775 |
| Containers and Glass Products 0.7% | | |
| Beverage Packaging Holdings Luxembourg II SA/Beverage Packaging Holding II Issuer, Inc. 5.625%, 12/15/16 ⁽⁷⁾ | 25 | \$ 25,594 |
| 6.00%, 6/15/17 ⁽⁷⁾ | 35 | 36,137 |
| BOE Merger Corp. 9.50%, 11/1/17 ⁽⁷⁾⁽⁸⁾ | 80 | 84,400 |
| Crown Americas, LLC/Crown Americas Capital Corp. IV 4.50%, 1/15/23 | 35 | 33,600 |
| Reynolds Group Holdings, Inc. 5.75%, 10/15/20 | 3,875 | 4,049,375 |
| Sealed Air Corp. 8.375%, 9/15/21 ⁽⁷⁾ | 10 | 11,575 |
| | | \$ 4,240,681 |
| Cosmetics / Toiletries 0.1% | | |
| Alphabet Holding Co., Inc. | | |

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| | | |
|----------------------------------|-----|-------------------|
| 7.75%, 11/1/17 ⁽⁸⁾ | 215 | \$ 222,794 |
| Party City Holdings, Inc. | | |
| 8.875%, 8/1/20 | 120 | 134,400 |
| | | \$ 357,194 |

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

Diversified Financial Services 0.1%

Icahn Enterprises, LP/Icahn Enterprises Finance Corp.

| | | |
|--|-----|-------------------|
| 3.50%, 3/15/17 ⁽⁷⁾ | 45 | \$ 45,450 |
| 4.875%, 3/15/19 ⁽⁷⁾ | 65 | 66,056 |
| 6.00%, 8/1/20 ⁽⁷⁾ | 65 | 68,900 |
| JPMorgan Chase & Co. | | |
| 6.75% to 2/1/24, 1/29/49 ⁽¹⁴⁾ | 80 | 85,200 |
| SLM Corp. | | |
| 5.50%, 1/15/19 | 160 | 169,969 |
| 6.125%, 3/25/24 | 50 | 49,800 |
| | | \$ 485,375 |

Drugs 0.1%

Valeant Pharmaceuticals International, Inc.

| | | |
|---------------------------------|-----|-------------------|
| 6.375%, 10/15/20 ⁽⁷⁾ | 260 | \$ 280,800 |
| 7.50%, 7/15/21 ⁽⁷⁾ | 50 | 56,000 |
| | | \$ 336,800 |

Ecological Services and Equipment 0.0%

ADS Waste Holdings, Inc.

| | | |
|------------------------------|----|-------------------|
| 8.25%, 10/1/20 | 50 | \$ 54,438 |
| Clean Harbors, Inc. | | |
| 5.25%, 8/1/20 | 50 | 51,500 |
| 5.125%, 6/1/21 | 25 | 25,406 |
| Covanta Holding Corp. | | |
| 5.875%, 3/1/24 | 45 | 46,130 |
| | | \$ 177,474 |

Electronics / Electrical 0.2%

Advanced Micro Devices, Inc.

| | | |
|--------------------------------------|-----|-----------|
| 6.75%, 3/1/19 ⁽⁷⁾ | 35 | \$ 36,400 |
| Alcatel-Lucent USA, Inc. | | |
| 4.625%, 7/1/17 ⁽⁷⁾ | 35 | 36,006 |
| 8.875%, 1/1/20 ⁽⁷⁾ | 260 | 293,800 |
| BMC Software Finance, Inc. | | |
| 8.125%, 7/15/21 ⁽⁷⁾ | 85 | 89,462 |
| CommScope Holding Co., Inc. | | |
| 6.625%, 6/1/20 ⁽⁷⁾⁽⁸⁾ | 55 | 59,263 |
| Freescale Semiconductor, Inc. | | |
| 6.00%, 1/15/22 ⁽⁷⁾ | 55 | 57,613 |
| Infor US, Inc. | | |
| 9.375%, 4/1/19 | 60 | 67,650 |
| NCR Corp. | | |
| 5.875%, 12/15/21 ⁽⁷⁾ | 20 | 21,300 |
| 5.00%, 7/15/22 | 60 | 61,350 |
| 6.375%, 12/15/23 ⁽⁷⁾ | 40 | 43,000 |

Eaton Vance

Senior Floating-Rate Trust

April 30, 2014

Portfolio of Investments (Unaudited) continued

| Security | Principal Amount* (000 s omitted) | Value |
|--|---|---------------------|
| Electronics / Electrical (continued) | | |
| Nuance Communications, Inc. 5.375%, 8/15/20 ⁽⁷⁾ | 120 | \$ 121,500 |
| | | \$ 887,344 |
| Equipment Leasing 0.3% | | |
| Air Lease Corp. 4.50%, 1/15/16 | 70 | \$ 73,850 |
| International Lease Finance Corp. 8.625%, 9/15/15 | 1,000 | 1,100,000 |
| 6.75%, 9/1/16 ⁽⁷⁾ | 350 | 391,125 |
| 7.125%, 9/1/18 ⁽⁷⁾ | 350 | 407,312 |
| | | \$ 1,972,287 |
| Financial Intermediaries 1.3% | | |
| Ally Financial, Inc. 2.436%, 12/1/14 ⁽¹⁰⁾ | 55 | \$ 55,325 |
| 0.00%, 6/15/15 | 80 | 77,600 |
| 3.50%, 7/18/16 | 500 | 517,625 |
| CIT Group, Inc. 5.50%, 2/15/19 ⁽⁷⁾ | 45 | 48,628 |
| 5.375%, 5/15/20 | 10 | 10,713 |
| 5.00%, 8/15/22 | 20 | 20,525 |
| First Data Corp. 7.375%, 6/15/19 ⁽⁷⁾ | 1,000 | 1,075,000 |
| 6.75%, 11/1/20 ⁽⁷⁾ | 1,480 | 1,587,300 |
| 11.25%, 1/15/21 | 65 | 74,587 |
| 10.625%, 6/15/21 | 65 | 74,019 |
| 11.75%, 8/15/21 | 55 | 58,850 |
| Ford Motor Credit Co., LLC 12.00%, 5/15/15 | 2,250 | 2,510,802 |
| Lender Processing Services, Inc. 5.75%, 4/15/23 | 75 | 80,625 |
| UPCB Finance II, Ltd. 6.375%, 7/1/20 ⁽⁷⁾ | EUR 1,000 | 1,484,464 |
| | | \$ 7,676,063 |

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Food Products 0.0%

| | | | |
|--|-----|----|----------------|
| Michael Foods Holding, Inc. 8.50%, 7/15/18 ⁽⁷⁾⁽⁸⁾ | 150 | \$ | 156,750 |
| Post Holdings, Inc. 6.75%, 12/1/21 ⁽⁷⁾ | 30 | | 31,500 |
| 7.375%, 2/15/22 ⁽⁷⁾ | 15 | | 16,088 |
| | | \$ | 204,338 |

Security

Food Service 0.0%

| | | | |
|--|----|----|----------------|
| ARAMARK Corp. 5.75%, 3/15/20 | 35 | \$ | 36,881 |
| Darling International, Inc. 5.375%, 1/15/22 ⁽⁷⁾ | 40 | | 41,150 |
| Pinnacle Operating Corp. 9.00%, 11/15/20 ⁽⁷⁾ | 40 | | 43,100 |
| | | \$ | 121,131 |

Food / Drug Retailers 0.0%

| | | | |
|---|----|----|---------------|
| Pantry, Inc. (The) 8.375%, 8/1/20 | 70 | \$ | 75,950 |
| | | \$ | 75,950 |

Health Care 1.1%

| | | | |
|--|-------|----|-----------|
| Air Medical Group Holdings, Inc. 9.25%, 11/1/18 | 4 | \$ | 4,340 |
| Alere, Inc. 8.625%, 10/1/18 | 45 | | 48,375 |
| 6.50%, 6/15/20 | 35 | | 36,925 |
| Amsurg Corp. 5.625%, 11/30/20 | 20 | | 20,750 |
| Biomet, Inc. 6.50%, 8/1/20 | 170 | | 186,787 |
| Capsugel SA 7.00%, 5/15/19 ⁽⁷⁾⁽⁸⁾ | 25 | | 25,797 |
| CHS/Community Health Systems, Inc. 7.125%, 7/15/20 | 120 | | 128,850 |
| 6.875%, 2/1/22 ⁽⁷⁾ | 145 | | 150,981 |
| Community Health Systems, Inc. 5.125%, 8/15/18 | 2,190 | | 2,307,712 |
| ConvaTec Finance International SA 8.25%, 1/15/19 ⁽⁷⁾⁽⁸⁾ | 200 | | 205,000 |
| DaVita, Inc. 5.75%, 8/15/22 | 215 | | 228,437 |
| HCA Holdings, Inc. 6.25%, 2/15/21 | 85 | | 89,994 |
| HCA, Inc. 6.50%, 2/15/20 | 20 | | 22,350 |
| 4.75%, 5/1/23 | 1,050 | | 1,034,250 |
| Hologic, Inc. 6.25%, 8/1/20 | 245 | | 260,312 |
| INC Research, LLC 11.50%, 7/15/19 ⁽⁷⁾ | 55 | | 62,700 |
| Kinetic Concepts, Inc./KCI USA, Inc. 10.50%, 11/1/18 | 45 | | 51,638 |

Eaton Vance

Senior Floating-Rate Trust

April 30, 2014

Portfolio of Investments (Unaudited) continued

| Security | Principal Amount* (000 s omitted) | Value |
|--|---|---------------------|
| Health Care (continued) | | |
| MPH Acquisition Holdings, LLC 6.625%, 4/1/22 ⁽⁷⁾ | 235 | \$ 243,812 |
| Opal Acquisition, Inc. 8.875%, 12/15/21 ⁽⁷⁾ | 70 | 72,713 |
| Salix Pharmaceuticals, Ltd. 6.00%, 1/15/21 ⁽⁷⁾ | 60 | 64,500 |
| Tenet Healthcare Corp. 5.00%, 3/1/19 ⁽⁷⁾ | 25 | 25,125 |
| 6.00%, 10/1/20 ⁽⁷⁾ | 55 | 57,853 |
| 4.375%, 10/1/21 | 600 | 578,250 |
| 8.125%, 4/1/22 | 105 | 116,813 |
| United Surgical Partners International, Inc. 9.00%, 4/1/20 | 60 | 67,275 |
| VWR Funding, Inc. 7.25%, 9/15/17 | 90 | 96,962 |
| WellCare Health Plans, Inc. 5.75%, 11/15/20 | 85 | 91,163 |
| | | \$ 6,279,664 |
| Home Furnishings 0.1% | | |
| Libbey Glass, Inc. 6.875%, 5/15/20 | 66 | \$ 68,109 |
| Sanitec Corp. 5.037%, 5/15/18 ⁽⁷⁾⁽¹⁰⁾ | EUR 250 | 351,519 |
| Tempur Sealy International, Inc. 6.875%, 12/15/20 | 40 | 43,800 |
| | | \$ 463,428 |
| Industrial Equipment 0.0% | | |
| BlueLine Rental Finance Corp. 7.00%, 2/1/19 ⁽⁷⁾ | 25 | \$ 26,812 |
| Erikson Air-Crane, Inc., Promissory Note 6.00%, 11/2/20 ⁽⁴⁾⁽¹¹⁾ | 76 | 60,230 |
| Manitowoc Co., Inc. (The) 5.875%, 10/15/22 | 40 | 43,400 |
| Vander Intermediate Holding II Corp. 9.75%, 2/1/19 ⁽⁷⁾⁽⁸⁾ | 10 | 10,575 |

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| | | | |
|---|------------------------|----|-------------------------|
| | | | \$ 141,017 |
| | | | |
| Insurance 0.4% | | | |
| A-S Co-Issuer Subsidiary, Inc./A-S Merger Sub, LLC | | | |
| 7.875%, 12/15/20 ⁽⁷⁾ | 55 | \$ | 58,575 |
| CNO Financial Group, Inc. | | | |
| 6.375%, 10/1/20 ⁽⁷⁾ | 1,050 | | 1,139,250 |
| | Principal | | |
| | Amount* | | |
| | (000 s omitted) | | Value |
| | | | |
| Security | | | |
| | | | |
| Insurance (continued) | | | |
| Onex USI Acquisition Corp. | | | |
| 7.75%, 1/15/21 ⁽⁷⁾ | 115 | \$ | 119,312 |
| Towergate Finance PLC | | | |
| 6.027%, 2/15/18 ⁽⁷⁾⁽¹⁰⁾ | GBP 650 | | 1,112,550 |
| | | | \$ 2,429,687 |
| | | | |
| Leisure Goods/Activities/Movies 0.1% | | | |
| Activision Blizzard, Inc. | | | |
| 6.125%, 9/15/23 ⁽⁷⁾ | 35 | \$ | 38,150 |
| Bombardier, Inc. | | | |
| 4.25%, 1/15/16 ⁽⁷⁾ | 50 | | 52,187 |
| 4.75%, 4/15/19 ⁽⁷⁾ | 30 | | 30,563 |
| 6.00%, 10/15/22 ⁽⁷⁾ | 35 | | 35,656 |
| 6.125%, 1/15/23 ⁽⁷⁾ | 30 | | 30,825 |
| MISA Investments, Ltd. | | | |
| 8.625%, 8/15/18 ⁽⁷⁾⁽⁸⁾ | 70 | | 72,100 |
| NCL Corp., Ltd. | | | |
| 5.00%, 2/15/18 | 30 | | 31,125 |
| Regal Entertainment Group | | | |
| 5.75%, 3/15/22 | 30 | | 30,975 |
| Royal Caribbean Cruises | | | |
| 7.25%, 6/15/16 | 25 | | 27,875 |
| 7.25%, 3/15/18 | 50 | | 58,250 |
| Seven Seas Cruises, S. de R.L. LLC | | | |
| 9.125%, 5/15/19 | 65 | | 71,825 |
| Viking Cruises, Ltd. | | | |
| 8.50%, 10/15/22 ⁽⁷⁾ | 60 | | 68,100 |
| WMG Acquisition Corp. | | | |
| 6.00%, 1/15/21 ⁽⁷⁾ | 45 | | 47,363 |
| 5.625%, 4/15/22 ⁽⁷⁾ | 70 | | 71,137 |
| | | | \$ 666,131 |
| | | | |
| Lodging and Casinos 0.8% | | | |
| Buffalo Thunder Development Authority | | | |
| 9.375%, 12/15/14 ⁽²⁾⁽⁷⁾ | 480 | \$ | 196,800 |
| Caesars Entertainment Operating Co., Inc. | | | |
| 8.50%, 2/15/20 | 2,100 | | 1,821,750 |
| 9.00%, 2/15/20 | 535 | | 469,462 |
| 9.00%, 2/15/20 | 1,175 | | 1,029,594 |
| GLP Capital, LP/GLP Financing II, Inc. | | | |
| 4.875%, 11/1/20 ⁽⁷⁾ | 105 | | 108,675 |
| Hilton Worldwide Finance, LLC/Hilton Worldwide Finance Corp. | | | |
| 5.625%, 10/15/21 ⁽⁷⁾ | 110 | | 114,881 |

Eaton Vance

Senior Floating-Rate Trust

April 30, 2014

Portfolio of Investments (Unaudited) continued

| Security | Principal Amount* (000 s omitted) | Value |
|--|---|---------------------|
| Lodging and Casinos (continued) | | |
| Inn of the Mountain Gods Resort & Casino 9.25%, 11/30/20 ⁽⁷⁾ | 55 | \$ 54,290 |
| MGM Resorts International 6.625%, 12/15/21 | 120 | 132,186 |
| 7.75%, 3/15/22 | 30 | 34,965 |
| Penn National Gaming, Inc. 5.875%, 11/1/21 ⁽⁷⁾ | 45 | 43,538 |
| Station Casinos, LLC 7.50%, 3/1/21 | 85 | 91,375 |
| SugarHouse HSP Gaming Property, LP/SugarHouse HSP Gaming Finance Corp. 6.375%, 6/1/21 ⁽⁷⁾ | 20 | 19,700 |
| Tunica-Biloxi Gaming Authority 9.00%, 11/15/15 ⁽⁷⁾ | 310 | 260,400 |
| Waterford Gaming, LLC 8.625%, 9/15/14 ⁽⁴⁾⁽⁷⁾ | 127 | 47,306 |
| | | \$ 4,424,922 |
| Mining, Steel, Iron and Nonprecious Metals 0.1% | | |
| ArcelorMittal 6.75%, 2/25/22 | 25 | \$ 27,813 |
| Eldorado Gold Corp. 6.125%, 12/15/20 ⁽⁷⁾ | 120 | 120,900 |
| IAMGOLD Corp. 6.75%, 10/1/20 ⁽⁷⁾ | 100 | 89,500 |
| Imperial Metals Corp. 7.00%, 3/15/19 ⁽⁷⁾ | 15 | 15,356 |
| Signode Industrial Group Lux SA/Signode Industrial Group US, Inc. 6.375%, 5/1/22 ⁽⁷⁾ | 40 | 40,500 |
| | | \$ 294,069 |
| Nonferrous Metals / Minerals 0.0% | | |
| CONSOL Energy, Inc. 5.875%, 4/15/22 ⁽⁷⁾ | 95 | \$ 98,088 |
| New Gold, Inc. 7.00%, 4/15/20 ⁽⁷⁾ | 40 | 42,350 |
| 6.25%, 11/15/22 ⁽⁷⁾ | 70 | 72,100 |

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\$ 212,538

Oil and Gas 0.7%

Antero Resources Finance Corp.

6.00%, 12/1/20

5.375%, 11/1/21⁽⁷⁾

15 \$ 16,125
85 86,966

**Principal
Amount***

Security

(000 s omitted) Value

Oil and Gas (continued)

Athlon Holdings LP/Athlon Finance Corp.

6.00%, 5/1/22⁽⁷⁾⁽⁹⁾

35 \$ 35,481

Atlas Pipeline Partners, LP/Atlas Pipeline Finance Corp.

4.75%, 11/15/21

30 28,650

Berry Petroleum Co.

6.375%, 9/15/22

10 10,300

Bonanza Creek Energy, Inc.

6.75%, 4/15/21

70 75,250

Bristow Group, Inc.

6.25%, 10/15/22

80 86,100

Chesapeake Energy Corp.

7.25%, 12/15/18

90 105,075

3.467%, 4/15/19⁽¹⁰⁾

65 65,691

6.125%, 2/15/21

115 126,500

Concho Resources, Inc.

5.50%, 4/1/23

240 251,100

CrownRock, LP/CrownRock Finance, Inc.

7.125%, 4/15/21⁽⁷⁾

70 74,375

CVR Refining, LLC/Coffeyville Finance, Inc.

6.50%, 11/1/22

140 147,700

Denbury Resources, Inc.

5.50%, 5/1/22

30 30,375

Endeavor Energy Resources LP/EER Finance, Inc.

7.00%, 8/15/21⁽⁷⁾

25 26,500

EP Energy, LLC/EP Energy Finance, Inc.

9.375%, 5/1/20

210 243,075

EP Energy, LLC/Everest Acquisition Finance, Inc.

6.875%, 5/1/19

290 312,837

7.75%, 9/1/22

35 39,156

EPL Oil & Gas, Inc.

8.25%, 2/15/18

50 54,250

Halcon Resources Corp.

9.75%, 7/15/20⁽⁷⁾

35 37,538

Kinder Morgan, Inc.

5.00%, 2/15/21⁽⁷⁾

95 95,451

Kodiak Oil & Gas Corp.

5.50%, 1/15/21

15 15,525

Laredo Petroleum, Inc.

7.375%, 5/1/22

90 99,675

MEG Energy Corp.

6.375%, 1/30/23⁽⁷⁾

100 104,250

Murphy Oil USA, Inc.

6.00%, 8/15/23⁽⁷⁾

135 140,062

Eaton Vance

Senior Floating-Rate Trust

April 30, 2014

Portfolio of Investments (Unaudited) continued

| Security | Principal Amount* (000 s omitted) | Value |
|---|---|---------------------|
| Oil and Gas (continued) | | |
| Newfield Exploration Co. 5.625%, 7/1/24 | 120 | \$ 125,700 |
| Oasis Petroleum, Inc. 6.875%, 3/15/22 ⁽⁷⁾ | 80 | 87,200 |
| 6.875%, 1/15/23 | 135 | 146,812 |
| Parsley Energy LLC/Parsley Finance Corp. 7.50%, 2/15/22 ⁽⁷⁾ | 35 | 36,750 |
| Plains Exploration & Production Co. 6.875%, 2/15/23 | 185 | 208,125 |
| Rice Energy, Inc. 6.25%, 5/1/22 ⁽⁷⁾ | 85 | 85,212 |
| Rosetta Resources, Inc. 5.625%, 5/1/21 | 60 | 61,350 |
| 5.875%, 6/1/22 | 85 | 86,806 |
| Sabine Pass Liquefaction, LLC 5.625%, 2/1/21 | 170 | 176,375 |
| Sabine Pass LNG, LP 6.50%, 11/1/20 | 100 | 106,250 |
| Samson Investment Co. 10.75%, 2/15/20 ⁽⁷⁾ | 70 | 74,200 |
| SandRidge Energy, Inc. 7.50%, 3/15/21 | 30 | 32,025 |
| 8.125%, 10/15/22 | 5 | 5,438 |
| Seven Generations Energy, Ltd. 8.25%, 5/15/20 ⁽⁷⁾ | 120 | 131,700 |
| SM Energy Co. 6.50%, 1/1/23 | 75 | 81,188 |
| Tesoro Corp. 5.375%, 10/1/22 | 90 | 93,825 |
| Ultra Petroleum Corp. 5.75%, 12/15/18 ⁽⁷⁾ | 15 | 15,825 |
| | | \$ 3,862,788 |
| Publishing 0.1% | | |
| Laureate Education, Inc. 9.25%, 9/1/19 ⁽⁷⁾ | 605 | \$ 641,300 |
| McGraw-Hill Global Education Holdings, LLC/McGraw-Hill Global Education Finance 10.00%, 4/1/21 ⁽⁷⁾ | 120 | 138,000 |
| RR Donnelley & Sons Co. 6.00%, 4/1/24 | 15 | 15,150 |

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| Security | Principal Amount* (000 s omitted) | Value |
|--|---|---------------------|
| | \$ 794,450 | |
| | | |
| Radio and Television 0.4% | | |
| Clear Channel Communications, Inc. | | |
| 9.00%, 12/15/19 | 953 | \$ 1,019,710 |
| 11.25%, 3/1/21 | 105 | 118,781 |
| Clear Channel Worldwide Holdings, Inc. | | |
| Series A, 6.50%, 11/15/22 | 50 | 53,500 |
| Series B, 6.50%, 11/15/22 | 90 | 96,750 |
| Crown Media Holdings, Inc. | | |
| 10.50%, 7/15/19 | 110 | 125,400 |
| Sirius XM Radio, Inc. | | |
| 5.875%, 10/1/20 ⁽⁷⁾ | 25 | 26,156 |
| Starz, LLC/Starz Finance Corp. | | |
| 5.00%, 9/15/19 | 70 | 72,888 |
| Univision Communications, Inc. | | |
| 6.75%, 9/15/22 ⁽⁷⁾ | 746 | 824,330 |
| | | \$ 2,337,515 |
| | | |
| Retailers (Except Food and Drug) 0.2% | | |
| Burlington Holdings, LLC/Burlington Holding Finance, Inc. | | |
| 9.00%, 2/15/18 ⁽⁷⁾⁽⁸⁾ | 14 | \$ 14,367 |
| Claire s Stores, Inc. | | |
| 9.00%, 3/15/19 ⁽⁷⁾ | 135 | 141,075 |
| Hot Topic, Inc. | | |
| 9.25%, 6/15/21 ⁽⁷⁾ | 150 | 164,625 |
| Michaels FinCo Holdings, LLC/Michaels FinCo, Inc. | | |
| 7.50%, 8/1/18 ⁽⁷⁾⁽⁸⁾ | 235 | 243,225 |
| Michaels Stores, Inc. | | |
| 7.75%, 11/1/18 | 60 | 63,825 |
| Neiman Marcus Group, Ltd., Inc. | | |
| 8.00%, 10/15/21 ⁽⁷⁾ | 50 | 55,000 |
| 8.75%, 10/15/21 ⁽⁷⁾⁽⁸⁾ | 60 | 66,600 |
| New Academy Finance Co., LLC/New Academy Finance Corp. | | |
| 8.00%, 6/15/18 ⁽⁷⁾⁽⁸⁾ | 115 | 118,164 |
| Petco Holdings, Inc. | | |
| 8.50%, 10/15/17 ⁽⁷⁾⁽⁸⁾ | 200 | 204,540 |
| Radio Systems Corp. | | |
| 8.375%, 11/1/19 ⁽⁷⁾ | 60 | 65,925 |
| Sally Holdings, LLC/Sally Capital, Inc. | | |
| 5.75%, 6/1/22 | 120 | 128,100 |
| | | \$ 1,265,446 |

Eaton Vance

Senior Floating-Rate Trust

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Portfolio of Investments (Unaudited) continued

| Security | Principal Amount* (000 s omitted) | Value |
|--|---|-------------------|
| Software and Services 0.0% | | |
| Audatex North America, Inc. 6.00%, 6/15/21 ⁽⁷⁾ | 50 | \$ 53,875 |
| Boxer Parent Co., Inc. 9.00%, 10/15/19 ⁽⁷⁾⁽⁸⁾ | 30 | 29,550 |
| Infor Software Parent LLC/Infor Software Parent, Inc. 7.125%, 5/1/21 ⁽⁷⁾⁽⁸⁾ | 65 | 65,650 |
| SunGard Availability Services Capital, Inc. 8.75%, 4/1/22 ⁽⁷⁾ | 45 | 43,650 |
| | | \$ 192,725 |
| Steel 0.0% | | |
| AK Steel Corp. 8.75%, 12/1/18 | 35 | \$ 39,244 |
| SunCoke Energy Partner LP/SunCoke Energy Partners Finance Corp. 7.375%, 2/1/20 ⁽⁷⁾⁽⁹⁾ | 35 | 37,275 |
| | | \$ 76,519 |
| Surface Transport 0.0% | | |
| Florida East Coast Holdings Corp. 6.75%, 5/1/19 ⁽⁷⁾ | 25 | \$ 25,750 |
| Hertz Corp. (The) 6.25%, 10/15/22 | 50 | 53,750 |
| Watco Cos., LLC/Watco Finance Corp. 6.375%, 4/1/23 ⁽⁷⁾ | 35 | 35,613 |
| | | \$ 115,113 |
| Telecommunications 1.5% | | |
| Avaya, Inc. 9.00%, 4/1/19 ⁽⁷⁾ | 50 | \$ 51,875 |
| CenturyLink, Inc. 10.50%, 3/1/21 ⁽⁷⁾ | 455 | 416,737 |
| Frontier Communications Corp. 6.75%, 12/1/23 | 95 | 102,362 |
| Hughes Satellite Systems Corp. 7.625%, 4/15/24 | 30 | 31,275 |

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| | | | |
|--|-----|--------------------------|----------------------|
| 6.50%, 6/15/19 | | 1,000 | 1,105,000 |
| Intelsat Jackson Holdings SA | | | |
| 7.25%, 10/15/20 | | 160 | 173,200 |
| Intelsat Luxembourg SA | | | |
| 7.75%, 6/1/21 | | 155 | 162,169 |
| 8.125%, 6/1/23 | | 120 | 126,450 |
| NII International Telecom SCA | | | |
| 7.875%, 8/15/19 ⁽⁷⁾ | | 70 | 49,875 |
| | | Principal Amount* | |
| Security | | (000 s omitted) | Value |
| Telecommunications (continued) | | | |
| SBA Communications Corp. | | | |
| 5.625%, 10/1/19 | | 60 | \$ 63,225 |
| SBA Telecommunications, Inc. | | | |
| 5.75%, 7/15/20 | | 85 | 89,675 |
| Sprint Communications, Inc. | | | |
| 7.00%, 8/15/20 | | 655 | 715,587 |
| 6.00%, 11/15/22 | | 80 | 80,900 |
| Sprint Corp. | | | |
| 7.25%, 9/15/21 ⁽⁷⁾ | | 60 | 65,625 |
| 7.875%, 9/15/23 ⁽⁷⁾ | | 170 | 187,850 |
| T-Mobile USA, Inc. | | | |
| 6.25%, 4/1/21 | | 40 | 42,750 |
| 6.633%, 4/28/21 | | 50 | 54,188 |
| 6.731%, 4/28/22 | | 35 | 37,888 |
| 6.625%, 4/1/23 | | 55 | 59,125 |
| 6.836%, 4/28/23 | | 15 | 16,200 |
| Virgin Media Secured Finance PLC | | | |
| 5.375%, 4/15/21 ⁽⁷⁾ | | 925 | 952,750 |
| 6.00%, 4/15/21 ⁽⁷⁾ | GBP | 950 | 1,690,193 |
| 5.50%, 1/15/25 ⁽⁷⁾ | | 550 | 554,812 |
| Wind Acquisition Finance SA | | | |
| 5.595%, 4/30/19 ⁽⁷⁾⁽¹⁰⁾ | EUR | 500 | 705,606 |
| 6.50%, 4/30/20 ⁽⁷⁾ | | 475 | 511,219 |
| 7.375%, 4/23/21 ⁽⁷⁾ | | 200 | 206,000 |
| Windstream Corp. | | | |
| 7.75%, 10/1/21 | | 90 | 97,875 |
| 6.375%, 8/1/23 | | 40 | 39,100 |
| | | | \$ 8,389,511 |
| Utilities 1.3% | | | |
| AES Corp. | | | |
| 5.50%, 3/15/24 | | 30 | \$ 30,075 |
| Calpine Corp. | | | |
| 7.50%, 2/15/21 ⁽⁷⁾ | | 3,778 | 4,136,910 |
| 7.875%, 1/15/23 ⁽⁷⁾ | | 2,677 | 3,011,625 |
| Energy Future Intermediate Holding Co., LLC/EFIH Finance, Inc. | | | |
| 6.875%, 8/15/17 ⁽²⁾⁽⁷⁾ | | 35 | 36,661 |
| | | | \$ 7,215,271 |
| Total Corporate Bonds & Notes (identified cost \$67,565,644) | | | \$ 71,228,606 |

Eaton Vance

Senior Floating-Rate Trust

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Portfolio of Investments (Unaudited) continued

Asset-Backed Securities 3.1%

| Security | Principal Amount (000 s omitted) | Value |
|--|--|------------|
| Apidos CDO, Series 2014-17A, Class B, 3.06%, 4/17/26 ⁽⁷⁾⁽⁹⁾⁽¹⁰⁾ | \$ 450 | \$ 445,815 |
| Apidos CDO, Series 2014-17A, Class C, 3.51%, 4/17/26 ⁽⁷⁾⁽⁹⁾⁽¹⁰⁾ | 1,000 | 956,000 |
| Apidos CDO, Series 2014-17A, Class D, 4.96%, 4/17/26 ⁽⁷⁾⁽⁹⁾⁽¹⁰⁾ | 1,000 | 923,700 |
| Babson Ltd., Series 2005-1A, Class C1, 2.177%, 4/15/19 ⁽⁷⁾⁽¹⁰⁾ | 753 | 747,043 |
| Babson Ltd., Series 2013-1A, Class C, 2.928%, 4/20/25 ⁽⁷⁾⁽¹⁰⁾ | 450 | 445,194 |
| Babson Ltd., Series 2013-1A, Class D, 3.728%, 4/20/25 ⁽⁷⁾⁽¹⁰⁾ | 350 | 343,069 |
| Babson Ltd., Series 2013-1A, Class E, 4.628%, 4/20/25 ⁽⁷⁾⁽¹⁰⁾ | 225 | 207,934 |
| Centurion CDO VIII Ltd., Series 2005-8A, Class D, 5.735%, 3/8/17 ⁽⁷⁾⁽¹⁰⁾ | 985 | 985,503 |
| Centurion CDO IX Ltd., Series 2005-9A, Class D1, 4.976%, 7/17/19 ⁽⁷⁾⁽¹⁰⁾ | 750 | 728,017 |
| CIFC Funding, Ltd., Series 2013-2A, Class A3L, 2.878%, 4/21/25 ⁽⁷⁾⁽¹⁰⁾ | 2,650 | 2,591,968 |
| Comstock Funding Ltd., Series 2006-1A, Class D, 4.483%, 5/30/20 ⁽⁷⁾⁽¹⁰⁾ | 692 | 689,928 |
| Dryden Senior XXII Loan Fund, Series 2013-28A, Class A3L, 2.936%, 8/15/25 ⁽⁷⁾⁽¹⁰⁾ | 1,500 | 1,491,368 |
| Dryden Senior XXII Loan Fund, Series 2013-28A, Class B1L, 3.436%, 8/15/25 ⁽⁷⁾⁽¹⁰⁾ | 640 | 612,342 |
| Dryden Senior XXII Loan Fund, Series 2013-28A, Class B2L, 4.136%, 8/15/25 ⁽⁷⁾⁽¹⁰⁾ | 430 | 375,361 |
| Oak Hill Credit Partners VIII Ltd., Series 2013-8A, Class C, 2.928%, 4/20/25 ⁽⁷⁾⁽¹⁰⁾ | 400 | 392,779 |
| Oak Hill Credit Partners VIII Ltd., Series 2013-8A, Class D, 3.728%, 4/20/25 ⁽⁷⁾⁽¹⁰⁾ | 450 | 439,631 |
| Octagon Investment Partners XVI Ltd., Series 2013-1A, Class C1, 2.976%, 7/17/25 ⁽⁷⁾⁽¹⁰⁾ | 925 | 913,908 |
| Octagon Investment Partners XVI Ltd., Series 2013-1A, Class D, 3.576%, 7/17/25 ⁽⁷⁾⁽¹⁰⁾ | 925 | 890,274 |
| Octagon Investment Partners XVI Ltd., Series 2013-1A, Class E, 4.726%, 7/17/25 ⁽⁷⁾⁽¹⁰⁾ | 1,125 | 1,040,994 |
| Race Point CLO, Ltd., Series 2012-7A, Class D, 4.487%, 11/8/24 ⁽⁷⁾⁽¹⁰⁾ | 1,750 | 1,752,728 |
| Schiller Park CLO Ltd., Series 2007-1A, Class D, 2.479%, 4/25/21 ⁽⁷⁾⁽¹⁰⁾ | 1,000 | 952,110 |

Total Asset-Backed Securities
(identified cost \$17,949,730)

\$ 17,925,666

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Common Stocks 0.6%

| Security | Shares | Value |
|---|---------------|---------------------|
| Automotive 0.2% | | |
| Dayco Products, LLC ⁽⁴⁾⁽¹¹⁾ | 18,702 | \$ 841,590 |
| | | \$ 841,590 |
| Building and Development 0.0% | | |
| Panolam Holdings Co. ⁽⁴⁾⁽¹²⁾⁽¹³⁾ | 253 | \$ 246,569 |
| | | \$ 246,569 |
| Food Service 0.0% | | |
| Buffets Restaurants Holdings, Inc. ⁽⁴⁾⁽¹¹⁾⁽¹²⁾ | 44,318 | \$ 249,289 |
| | | \$ 249,289 |
| Lodging and Casinos 0.1% | | |
| Tropicana Entertainment, Inc. ⁽¹¹⁾⁽¹²⁾ | 35,670 | \$ 634,926 |
| | | \$ 634,926 |
| Nonferrous Metals/Minerals 0.0% | | |
| Euramax International, Inc. ⁽⁴⁾⁽¹¹⁾⁽¹²⁾ | 701 | \$ 213,866 |
| | | \$ 213,866 |
| Publishing 0.3% | | |
| ION Media Networks, Inc. ⁽⁴⁾⁽¹¹⁾⁽¹²⁾ | 3,990 | \$ 1,212,561 |
| MediaNews Group, Inc. ⁽¹¹⁾⁽¹²⁾ | 10,718 | 297,422 |
| | | \$ 1,509,983 |
| Total Common Stocks (identified cost \$1,527,207) | | \$ 3,696,223 |

Miscellaneous 0.0%

| Security | Shares | Value |
|---|---------------|------------------|
| Oil and Gas 0.0% | | |
| SemGroup Corp., Escrow Certificate ⁽¹²⁾ | 540,000 | \$ 10,800 |
| Total Miscellaneous (identified cost \$0) | | \$ 10,800 |

Eaton Vance

Senior Floating-Rate Trust

April 30, 2014

Portfolio of Investments (Unaudited) continued

Short-Term Investments 2.6%

| Description | Interest (000 s omitted) | Value |
|---|-----------------------------|-------------------------|
| Eaton Vance Cash Reserves Fund, LLC, 0.14% ⁽¹⁵⁾ | \$ 14,937 | \$ 14,936,810 |
| Total Short-Term Investments (identified cost \$14,936,810) | | \$ 14,936,810 |
| Total Investments 161.0% (identified cost \$925,798,112) | | \$ 929,298,510 |
| Less Unfunded Loan Commitments (0.0)% ⁽⁶⁾ | | \$ (18,833) |
| Net Investments 161.0% (identified cost \$925,779,279) | | \$ 929,279,677 |
| Other Assets, Less Liabilities (38.2)% | | \$ (220,959,119) |
| Auction Preferred Shares Plus Cumulative Unpaid Dividends (22.8)% | | \$ (131,302,322) |
| Net Assets Applicable to Common Shares 100.0% | | \$ 577,018,236 |

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

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

* In U.S. dollars unless otherwise indicated.

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- (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) Currently the issuer is in default with respect to interest payments or has filed for bankruptcy. For a variable rate security, interest rate has been adjusted to reflect non-accrual status.
- (3) This Senior Loan will settle after April 30, 2014, at which time the interest rate will be determined.
- (4) For fair value measurement disclosure purposes, security is categorized as Level 3 (see Note 13).
- (5) Unfunded or partially unfunded loan commitments. See Note 1G for description.
- (6) Amount is less than 0.05% or (0.05)%, as applicable.
- (7) 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, 2014, the aggregate value of these securities is \$53,429,446 or 9.3% of the Trust's net assets applicable to common shares.
- (8) Represents a payment-in-kind security which may pay all or a portion of interest in additional principal. The interest rate paid in additional par is generally higher than the indicated cash rate.
- (9) When-issued security.
- (10) Variable rate security. The stated interest rate represents the rate in effect at April 30, 2014.
- (11) Security was acquired in connection with a restructuring of a Senior Loan and May be subject to restrictions on resale.
- (12) Non-income producing security.
- (13) Restricted security (see Note 8).
- (14) Security converts to floating rate after the indicated fixed-rate coupon period.
- (15) 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, 2014.

Eaton Vance

Senior Floating-Rate Trust

April 30, 2014

Statement of Assets and Liabilities (Unaudited)

| | April 30, 2014 |
|--|-----------------------|
| Assets | |
| Unaffiliated investments, at value (identified cost, \$910,842,469) | \$ 914,342,867 |
| Affiliated investment, at value (identified cost, \$14,936,810) | 14,936,810 |
| Cash | 5,207,779 |
| Restricted cash* | 533,000 |
| Foreign currency, at value (identified cost, \$7,643,306) | 7,644,249 |
| Interest receivable | 4,071,622 |
| Interest receivable from affiliated investment | 2,316 |
| Receivable for investments sold | 993,252 |
| Prepaid expenses | 37,635 |
| Total assets | \$ 947,769,530 |
| Liabilities | |
| Notes payable | \$ 210,000,000 |
| Payable for investments purchased | 25,004,591 |
| Payable for when-issued securities | 2,788,055 |
| Payable for open forward foreign currency exchange contracts | 572,465 |
| Payable to affiliates: | |
| Investment adviser fee | 567,151 |
| Trustees fees | 3,277 |
| Accrued expenses | 513,433 |
| Total liabilities | \$ 239,448,972 |
| Auction preferred shares (5,252 shares outstanding) at liquidation value plus cumulative unpaid dividends | \$ 131,302,322 |
| Net assets applicable to common shares | \$ 577,018,236 |
| 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 | 684,675,373 |
| Accumulated net realized loss | (111,402,514) |
| Accumulated undistributed net investment income | 537,172 |
| Net unrealized appreciation | 2,839,790 |
| Net assets applicable to common shares | \$ 577,018,236 |
| Net Asset Value Per Common Share | |
| (\$577,018,236 ÷ 36,841,535 common shares issued and outstanding) | \$ 15.66 |

* Represents restricted cash on deposit at the custodian for open derivative contracts.

Eaton Vance

Senior Floating-Rate Trust

April 30, 2014

Statement of Operations (Unaudited)

| | Six Months Ended |
|--|-------------------------|
| | April 30, 2014 |
| Investment Income | |
| Interest and other income | \$ 21,835,761 |
| Dividends | 326,604 |
| Interest income allocated from affiliated investment | 10,672 |
| Expenses allocated from affiliated investment | (1,420) |
| Total investment income | \$ 22,171,617 |
| Expenses | |
| Investment adviser fee | \$ 3,433,509 |
| Trustees' fees and expenses | 19,852 |
| Custodian fee | 166,856 |
| Transfer and dividend disbursing agent fees | 9,099 |
| Legal and accounting services | 96,921 |
| Printing and postage | 42,628 |
| Interest expense and fees | 1,134,706 |
| Preferred shares service fee | 99,136 |
| Miscellaneous | 73,289 |
| Total expenses | \$ 5,075,996 |
| Deduct | |
| Reduction of custodian fee | \$ 17 |
| Total expense reductions | \$ 17 |
| Net expenses | \$ 5,075,979 |
| Net investment income | \$ 17,095,638 |
| Realized and Unrealized Gain (Loss) | |
| Net realized gain (loss) | |
| Investment transactions | \$ 3,119,272 |
| Investment transactions allocated from affiliated investment | 110 |
| Foreign currency and forward foreign currency exchange contract transactions | (1,686,144) |
| Net realized gain | \$ 1,433,238 |
| Change in unrealized appreciation (depreciation) | |
| Investments | \$ (4,155,639) |
| Foreign currency and forward foreign currency exchange contracts | (245,859) |
| Net change in unrealized appreciation (depreciation) | \$ (4,401,498) |
| Net realized and unrealized loss | \$ (2,968,260) |
| Distributions to preferred shareholders | |
| From net investment income | \$ (69,580) |
| Net increase in net assets from operations | \$ 14,057,798 |

Eaton Vance

Senior Floating-Rate Trust

April 30, 2014

Statements of Changes in Net Assets

| | Six Months Ended | |
|---|------------------------|------------------------|
| | April 30, 2014 | Year Ended |
| | (Unaudited) | October 31, 2013 |
| Increase (Decrease) in Net Assets | | |
| From operations | | |
| Net investment income | \$ 17,095,638 | \$ 36,008,699 |
| Net realized gain from investment, foreign currency and forward foreign currency exchange contract transactions | 1,433,238 | 3,580,230 |
| Net change in unrealized appreciation (depreciation) from investments, foreign currency and forward foreign currency exchange contracts | (4,401,498) | 1,025,244 |
| Distributions to preferred shareholders | | |
| From net investment income | (69,580) | (204,473) |
| Net increase in net assets from operations | \$ 14,057,798 | \$ 40,409,700 |
| Distributions to common shareholders | | |
| From net investment income | \$ (19,562,855) | \$ (36,970,442) |
| Total distributions to common shareholders | \$ (19,562,855) | \$ (36,970,442) |
| Capital share transactions | | |
| Reinvestment of distributions to common shareholders | \$ | \$ 818,431 |
| Proceeds from shelf offering, net of offering costs (see Note 6) | | 49,800,858 |
| Net increase in net assets from capital share transactions | \$ | \$ 50,619,289 |
| Net increase (decrease) in net assets | \$ (5,505,057) | \$ 54,058,547 |
| Net Assets Applicable to Common Shares | | |
| At beginning of period | \$ 582,523,293 | \$ 528,464,746 |
| At end of period | \$ 577,018,236 | \$ 582,523,293 |
| Accumulated undistributed net investment income included in net assets applicable to common shares | | |
| At end of period | \$ 537,172 | \$ 3,073,969 |

Eaton Vance

Senior Floating-Rate Trust

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Statement of Cash Flows (Unaudited)

| | Six Months Ended |
|---|-------------------------|
| | April 30, 2014 |
| Cash Flows From Operating Activities | |
| Net increase in net assets from operations | \$ 14,057,798 |
| Distributions to preferred shareholders | 69,580 |
| Net increase in net assets from operations excluding distributions to preferred shareholders | \$ 14,127,378 |
| Adjustments to reconcile net increase in net assets from operations to net cash provided by operating activities: | |
| Investments purchased | (149,358,636) |
| Investments sold and principal repayments | 167,991,973 |
| Increase in short-term investments, net | (8,821,739) |
| Net amortization/accretion of premium (discount) | (329,574) |
| Decrease in restricted cash | 586,081 |
| Decrease in interest receivable | 122,573 |
| Increase in interest receivable from affiliated investment | (579) |
| Decrease in receivable for open forward foreign currency exchange contracts | 59,038 |
| Decrease in receivable from the transfer agent | 66,386 |
| Decrease in prepaid expenses | 2,666 |
| Increase in payable for open forward foreign currency exchange contracts | 193,296 |
| Decrease in payable to affiliate for investment adviser fee | (20,175) |
| Increase in payable to affiliate for Trustees' fees | 192 |
| Decrease in accrued expenses | (72,321) |
| Decrease in unfunded loan commitments | (1,125,000) |
| Net change in unrealized (appreciation) depreciation from investments | 4,155,639 |
| Net realized gain from investments | (3,119,272) |
| Return of capital distributions from investments | 1,140,580 |
| Net cash provided by operating activities | \$ 25,598,506 |
| Cash Flows From Financing Activities | |
| Distributions paid to common shareholders, net of reinvestments | \$ (19,562,855) |
| Cash distributions paid to preferred shareholders | (73,082) |
| Net cash used in financing activities | \$ (19,635,937) |
| Net increase in cash* | \$ 5,962,569 |
| Cash at beginning of period⁽¹⁾ | \$ 6,889,459 |
| Cash at end of period⁽¹⁾ | \$ 12,852,028 |
| Supplemental disclosure of cash flow information: | |
| Cash paid for interest and fees on borrowings | \$ 1,141,724 |

* Includes net change in unrealized appreciation (depreciation) on foreign currency of \$1,676.

⁽¹⁾ Balance includes foreign currency, at value.

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Senior Floating-Rate Trust

April 30, 2014

Financial Highlights

Selected data for a common share outstanding during the periods stated

| | Six Months Ended April 30, 2014 (Unaudited) | Year Ended October 31, | | | | |
|--|--|-------------------------------|-------------------|-------------------|-------------------|-------------------|
| | | 2013 | 2012 | 2011 | 2010 | 2009 |
| Net asset value Beginning of period (Common shares) | \$ 15.810 | \$ 15.630 | \$ 14.910 | \$ 14.980 | \$ 13.700 | \$ 10.190 |
| Income (Loss) From Operations | | | | | | |
| Net investment income ⁽¹⁾ | \$ 0.464 | \$ 1.009 | \$ 1.097 | \$ 1.014 | \$ 1.025 | \$ 0.978 |
| Net realized and unrealized gain (loss) | (0.081) | 0.145 | 0.681 | (0.013) | 1.374 | 3.423 |
| Distributions to preferred shareholders From net investment income ⁽¹⁾ | (0.002) | (0.006) | (0.006) | (0.009) | (0.011) | (0.028) |
| Total income from operations | \$ 0.381 | \$ 1.148 | \$ 1.772 | \$ 0.992 | \$ 2.388 | \$ 4.373 |
| Less Distributions | | | | | | |
| From net investment income | \$ (0.531) | \$ (1.038) | \$ (1.052) | \$ (1.062) | \$ (1.108) | \$ (0.863) |
| Total distributions to common shareholders | \$ (0.531) | \$ (1.038) | \$ (1.052) | \$ (1.062) | \$ (1.108) | \$ (0.863) |
| Premium from common shares sold through shelf offering (see Note 6)⁽¹⁾ | \$ | \$ 0.070 | \$ | \$ | \$ | \$ |
| Net asset value End of period (Common shares) | \$ 15.660 | \$ 15.810 | \$ 15.630 | \$ 14.910 | \$ 14.980 | \$ 13.700 |
| Market value End of period (Common shares) | \$ 14.930 | \$ 15.800 | \$ 16.250 | \$ 14.550 | \$ 15.640 | \$ 12.980 |
| Total Investment Return on Net Asset Value⁽²⁾ | 2.57%⁽³⁾ | 7.98% | 12.31% | 6.69% | 17.93% | 46.90% |
| Total Investment Return on Market Value⁽²⁾ | (2.15)%⁽³⁾ | 3.79% | 19.66% | (0.28)% | 29.96% | 49.61% |

Eaton Vance

Senior Floating-Rate Trust

April 30, 2014

Financial Highlights continued

Selected data for a common share outstanding during the periods stated

| | Six Months Ended | | Year Ended October 31, | | | |
|---|----------------------|------------|------------------------|------------|------------|------------|
| | April 30, 2014 | | | | | |
| | (Unaudited) | 2013 | 2012 | 2011 | 2010 | 2009 |
| Ratios/Supplemental Data | | | | | | |
| Net assets applicable to common shares, end of period (000 shares omitted) | \$ 577,018 | \$ 582,523 | \$ 528,465 | \$ 503,383 | \$ 505,197 | \$ 460,700 |
| Ratios (as a percentage of average daily net assets applicable to common shares): ⁽⁴⁾ | | | | | | |
| Expenses excluding interest and fees ⁽⁵⁾ | 1.37% ⁽⁶⁾ | 1.37% | 1.38% | 1.29% | 1.22% | 1.21% |
| Interest and fee expense ⁽⁷⁾ | 0.39% ⁽⁶⁾ | 0.40% | 0.42% | 0.44% | 0.49% | 1.15% |
| Total expenses | 1.76% ⁽⁶⁾ | 1.77% | 1.80% | 1.73% | 1.71% | 2.36% |
| Net investment income | 5.93% ⁽⁶⁾ | 6.38% | 7.20% | 6.69% | 7.11% | 9.21% |
| Portfolio Turnover | 18% ⁽³⁾ | 45% | 54% | 49% | 36% | 42% |
| The ratios reported above are based on net assets applicable solely to common shares. The ratios based on net assets, including amounts related to preferred shares and borrowings, are as follows: | | | | | | |
| Ratios (as a percentage of average daily net assets applicable to common shares plus preferred shares and borrowings): ⁽⁴⁾ | | | | | | |
| Expenses excluding interest and fees ⁽⁵⁾ | 0.86% ⁽⁶⁾ | 0.87% | 0.87% | 0.83% | 0.77% | 0.74% |
| Interest and fee expense ⁽⁷⁾ | 0.25% ⁽⁶⁾ | 0.25% | 0.27% | 0.28% | 0.31% | 0.70% |
| Total expenses | 1.11% ⁽⁶⁾ | 1.12% | 1.14% | 1.11% | 1.08% | 1.44% |
| Net investment income | 3.73% ⁽⁶⁾ | 4.06% | 4.54% | 4.28% | 4.50% | 5.63% |
| Senior Securities: | | | | | | |
| Total notes payable outstanding (in 000 shares) | \$ 210,000 | \$ 210,000 | \$ 175,000 | \$ 165,000 | \$ 150,000 | \$ 150,000 |
| Asset coverage per \$1,000 of notes payable ⁽⁸⁾ | \$ 4,373 | \$ 4,399 | \$ 4,770 | \$ 4,847 | \$ 5,243 | \$ 4,947 |
| Total preferred shares outstanding | 5,252 | 5,252 | 5,252 | 5,252 | 5,252 | 5,252 |
| Asset coverage per preferred share ⁽⁹⁾ | \$ 67,266 | \$ 67,670 | \$ 68,133 | \$ 67,473 | \$ 69,900 | \$ 65,945 |
| Involuntary liquidation preference per preferred share ⁽¹⁰⁾ | \$ 25,000 | \$ 25,000 | \$ 25,000 | \$ 25,000 | \$ 25,000 | \$ 25,000 |
| Approximate market value per preferred share ⁽¹⁰⁾ | \$ 25,000 | \$ 25,000 | \$ 25,000 | \$ 25,000 | \$ 25,000 | \$ 25,000 |

⁽¹⁾ Computed using average shares outstanding.⁽²⁾ Returns are historical and are calculated by determining the percentage change in net asset value or market value with all distributions reinvested. Distributions are assumed to be reinvested at prices obtained under the Trust's dividend reinvestment plan.⁽³⁾ Not annualized.⁽⁴⁾ Ratios do not reflect the effect of dividend payments to preferred shareholders.

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- (5) Excludes the effect of custody fee credits, if any, of less than 0.005%.
- (6) Annualized.
- (7) Interest and fee expense relates to the notes payable primarily incurred to redeem the Trust's APS (see Note 10).
- (8) Calculated by subtracting the Trust's total liabilities (not including the notes payable and preferred shares) from the Trust's total assets, and dividing the result by the notes payable balance in thousands.
- (9) Calculated by subtracting the Trust's total liabilities (not including the notes payable and preferred shares) from the Trust's total assets, dividing the result by the sum of the value of the notes payable and liquidation value of the preferred shares, and multiplying the result by the liquidation value of one preferred share. Such amount equates to 269%, 271%, 273%, 270%, 280% and 264% at April 30, 2014 and October 31, 2013, 2012, 2011, 2010 and 2009, respectively.
- (10) Plus accumulated and unpaid dividends.

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Notes to Financial Statements (Unaudited)

1 Significant Accounting Policies

Eaton Vance Senior Floating-Rate Trust (the Trust) is a Massachusetts business trust registered under the Investment Company Act of 1940, as amended (the 1940 Act), as a diversified, closed-end management investment company. The Trust's primary investment objective is to provide a high level of current income. The Trust may, as a secondary objective, also seek preservation of capital to the extent consistent with its primary objective.

The following is a summary of significant accounting policies of the Trust. The policies are in conformity with accounting principles generally accepted in the United States of America.

A Investment Valuation The following methodologies are used to determine the market value or fair value of investments.

Senior Floating-Rate Loans. Interests in senior floating-rate loans (Senior Loans) for which reliable market quotations are readily available are valued generally at the average mean of bid and ask quotations obtained from a third party pricing service. Other Senior Loans are valued at fair value by the investment adviser under procedures approved by the Trustees. In fair valuing a Senior Loan, the investment adviser utilizes one or more of the valuation techniques described in (i) through (iii) below to assess the likelihood that the borrower will make a full repayment of the loan underlying such Senior Loan relative to yields on other Senior Loans issued by companies of comparable credit quality. If the investment adviser believes that there is a reasonable likelihood of full repayment, the investment adviser will determine fair value using a matrix pricing approach that considers the yield on the Senior Loan. If the investment adviser believes there is not a reasonable likelihood of full repayment, the investment adviser will determine fair value using analyses that include, but are not limited to: (i) a comparison of the value of the borrower's outstanding equity and debt to that of comparable public companies; (ii) a discounted cash flow analysis; or (iii) when the investment adviser believes it is likely that a borrower will be liquidated or sold, an analysis of the terms of such liquidation or sale. In certain cases, the investment adviser will use a combination of analytical methods to determine fair value, such as when only a portion of a borrower's assets are likely to be sold. In conducting its assessment and analyses for purposes of determining fair value of a Senior Loan, the investment adviser will use its discretion and judgment in considering and appraising relevant factors. Fair value determinations are made by the portfolio managers of the Trust based on information available to such managers. The portfolio managers of other funds managed by the investment adviser that invest in Senior Loans may not possess the same information about a Senior Loan borrower as the portfolio managers of the Trust. At times, the fair value of a Senior Loan determined by the portfolio managers of other funds managed by the investment adviser that invest in Senior Loans may vary from the fair value of the same Senior Loan determined by the portfolio managers of the Trust. The fair value of each Senior Loan is periodically reviewed and approved by the investment adviser's Valuation Committee and by the Trustees based upon procedures approved by the Trustees. Junior Loans (i.e., subordinated loans and second lien loans) are valued in the same manner as Senior Loans.

Debt Obligations. Debt obligations (including short-term obligations with a remaining maturity of more than sixty days) are generally valued on the basis of valuations provided by third party pricing services, as derived from such services' pricing models. Inputs to the models may include, but are not limited to, reported trades, executable bid and asked prices, broker/dealer quotations, prices or yields of securities with similar characteristics, benchmark curves or information pertaining to the issuer, as well as industry and economic events. The pricing services may use a matrix approach, which considers information regarding securities with similar characteristics to determine the valuation for a security. Short-term obligations purchased with a remaining maturity of sixty days or less are generally valued at amortized cost, which approximates market value.

Equity Securities. Equity securities (including common shares of closed-end investment companies) listed on a U.S. securities exchange generally are valued at the last sale or closing price on the day of valuation or, if no sales took place on such date, at the mean between the closing bid and asked prices therefore on the exchange where such securities are principally traded. Equity securities listed on the NASDAQ Global or Global Select Market generally are valued at the NASDAQ official closing price. Unlisted or listed securities for which closing sales prices or closing quotations are not available are valued at the mean between the latest available bid and asked prices.

Derivatives. Forward foreign currency exchange contracts are generally valued at the mean of the average bid and average asked prices that are reported by currency dealers to a third party pricing service at the valuation time. Such third party pricing service valuations are supplied for specific settlement periods and the Trust's forward foreign currency exchange contracts are valued at an interpolated rate between the closest preceding and subsequent settlement period reported by the third party pricing service.

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Foreign Securities and Currencies. Foreign securities and currencies are valued in U.S. dollars, based on foreign currency exchange rate quotations supplied by a third party pricing service. The pricing service uses a proprietary model to determine the exchange rate. Inputs to the model include reported trades and implied bid/ask spreads.

Affiliated Fund. The Trust may invest in Eaton Vance Cash Reserves Fund, LLC (Cash Reserves Fund), an affiliated investment company managed by Eaton Vance Management (EVM). The value of the Trust's investment in Cash Reserves Fund reflects the Trust's proportionate interest in its net assets. Cash Reserves Fund generally values its investment securities utilizing the amortized cost valuation technique in accordance with Rule 2a-7 under the 1940 Act. This technique involves initially valuing a portfolio security at its cost and thereafter assuming a constant amortization to maturity of any discount or premium. If amortized cost is determined not to approximate fair value, Cash Reserves Fund may value its investment securities in the same manner as debt obligations described above.

Fair Valuation. Investments for which valuations or market quotations are not readily available or are deemed unreliable are valued at fair value using methods determined in good faith by or at the direction of the Trustees of the Trust in a manner that fairly reflects the security's value, or the amount that the Trust might reasonably expect to receive for the security upon its current sale in the ordinary course. Each such determination is based on a consideration of relevant factors, which are likely to vary from one pricing context to another. These factors may include, but are not limited to, the type of security, the existence of any contractual restrictions on the security's disposition, the price and extent of public trading in similar securities of the issuer or

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Notes to Financial Statements (Unaudited) continued

of comparable companies or entities, quotations or relevant information obtained from broker/dealers or other market participants, information obtained from the issuer, analysts, and/or the appropriate stock exchange (for exchange-traded securities), an analysis of the company's or entity's financial condition, and an evaluation of the forces that influence the issuer and the market(s) in which the security is purchased and sold.

B Investment Transactions Investment transactions for financial statement purposes are accounted for on a trade date basis. Realized gains and losses on investments sold are determined on the basis of identified cost.

C Income Interest income is recorded on the basis of interest accrued, adjusted for amortization of premium or accretion of discount. Fees associated with loan amendments are recognized immediately. Dividend income is recorded on the ex-dividend date for dividends received in cash and/or securities.

D Federal Taxes The Trust's policy is to comply with the provisions of the Internal Revenue Code applicable to regulated investment companies and to distribute to shareholders each year substantially all of its net investment income, and all or substantially all of its net realized capital gains. Accordingly, no provision for federal income or excise tax is necessary.

At October 31, 2013, the Trust, for federal income tax purposes, had a capital loss carryforward of \$112,307,054 which will reduce its taxable income arising from future net realized gains on investment transactions, if any, to the extent permitted by the Internal Revenue Code, and thus will reduce the amount of distributions to shareholders, which would otherwise be necessary to relieve the Trust of any liability for federal income or excise tax. Such capital loss carryforward will expire on October 31, 2014 (\$254,901), October 31, 2015 (\$2,782,217), October 31, 2016 (\$63,478,422), October 31, 2017 (\$33,311,438), October 31, 2018 (\$11,668,372) and October 31, 2019 (\$811,704). In addition, such capital loss carryforward cannot be utilized prior to the utilization of new capital losses, if any, created after October 31, 2013.

As of April 30, 2014, the Trust had no uncertain tax positions that would require financial statement recognition, de-recognition, or disclosure. The Trust files a U.S. federal income tax return annually after its fiscal year-end, which is subject to examination by the Internal Revenue Service for a period of three years from the date of filing.

E Expense Reduction State Street Bank and Trust Company (SSBT) serves as custodian of the Trust. Pursuant to the custodian agreement, SSBT receives a fee reduced by credits, which are determined based on the average daily cash balance the Trust maintains with SSBT. All credit balances, if any, used to reduce the Trust's custodian fees are reported as a reduction of expenses in the Statement of Operations.

F Foreign Currency Translation Investment valuations, other assets, and liabilities initially expressed in foreign currencies are translated each business day into U.S. dollars based upon current exchange rates. Purchases and sales of foreign investment securities and income and expenses denominated in foreign currencies are translated into U.S. dollars based upon currency exchange rates in effect on the respective dates of such transactions. Recognized gains or losses on investment transactions attributable to changes in foreign currency exchange rates are recorded for financial statement purposes as net realized gains and losses on investments. That portion of unrealized gains and losses on investments that results from fluctuations in foreign currency exchange rates is not separately disclosed.

G Unfunded Loan Commitments The Trust may enter into certain credit agreements all or a portion of which may be unfunded. The Trust is obligated to fund these commitments at the borrower's discretion. These commitments are disclosed in the accompanying Portfolio of Investments. At April 30, 2014, the Trust had sufficient cash and/or securities to cover these commitments.

H Use of Estimates The preparation of the financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of income and expense during the reporting period. Actual results could differ from those estimates.

I Indemnifications Under the Trust's organizational documents, its officers and Trustees may be indemnified against certain liabilities and expenses arising out of the performance of their duties to the Trust. Under Massachusetts law, if certain conditions prevail, shareholders of a Massachusetts business trust (such as the

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Trust) could be deemed to have personal liability for the obligations of the Trust. However, the Trust's Declaration of Trust contains an express disclaimer of liability on the part of Trust shareholders and the By-laws provide that the Trust shall assume the defense on behalf of any Trust shareholders. Moreover, the By-laws also provide for indemnification out of Trust property of any shareholder held personally liable solely by reason of being or having been a shareholder for all loss or expense arising from such liability. Additionally, in the normal course of business, the Trust enters into agreements with service providers that may contain indemnification clauses. The Trust's maximum exposure under these arrangements is unknown as this would involve future claims that may be made against the Trust that have not yet occurred.

J Forward Foreign Currency Exchange Contracts The Trust may enter into forward foreign currency exchange contracts for the purchase or sale of a specific foreign currency at a fixed price on a future date. The forward foreign currency exchange contracts are adjusted by the daily exchange rate of the underlying currency and any gains or losses are recorded as unrealized until such time as the contracts have been closed. Risks may arise upon entering these contracts from the potential inability of counterparties to meet the terms of their contracts and from movements in the value of a foreign currency relative to the U.S. dollar.

K When-Issued Securities and Delayed Delivery Transactions The Trust may purchase or sell securities on a delayed delivery or when-issued basis. Payment and delivery may take place after the customary settlement period for that security. At the time the transaction is negotiated, the price of the

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security that will be delivered is fixed. The Trust maintains security positions for these commitments such that sufficient liquid assets will be available to make payments upon settlement. Securities purchased on a delayed delivery or when-issued basis are marked-to-market daily and begin earning interest on settlement date. Losses may arise due to changes in the market value of the underlying securities or if the counterparty does not perform under the contract.

L Statement of Cash Flows The cash amount shown in the Statement of Cash Flows of the Trust is the amount included in the Trust's Statement of Assets and Liabilities and represents the unrestricted cash on hand at its custodian and does not include any short-term investments.

M Interim Financial Statements The interim financial statements relating to April 30, 2014 and for the six months then ended have not been audited by an independent registered public accounting firm, but in the opinion of the Trust's management, reflect all adjustments, consisting only of normal recurring adjustments, necessary for the fair presentation of the financial statements.

2 Auction Preferred Shares

The Trust issued Auction Preferred Shares (APS) on January 26, 2004 in a public offering. The underwriting discount and other offering costs incurred in connection with the offering were recorded as a reduction of the paid-in capital of the common shares. Dividends on the APS, which accrue daily, are cumulative at rates which are reset weekly for Series A and Series B, and approximately monthly for Series C and Series D by an auction, unless a special dividend period has been set. Series of APS are identical in all respects except for the reset dates of the dividend rates. If the APS auctions do not successfully clear, the dividend payment rate over the next period for the APS holders is set at a specified maximum applicable rate until such time as the APS auctions are successful. Auctions have not cleared since February 13, 2008 and the rate since that date has been the maximum applicable rate (see Note 3). The maximum applicable rate on the APS is 150% of the AA Financial Composite Commercial Paper Rate at the date of the auction. The stated spread over the reference benchmark rate is determined based on the credit rating of the APS.

The number of APS issued and outstanding as of April 30, 2014 is as follows:

| | APS Issued and Outstanding |
|----------|---------------------------------------|
| Series A | 1,313 |
| Series B | 1,313 |
| Series C | 1,313 |
| Series D | 1,313 |

The APS are redeemable at the option of the Trust at a redemption price equal to \$25,000 per share, plus accumulated and unpaid dividends, on any dividend payment date. The APS are also subject to mandatory redemption at a redemption price equal to \$25,000 per share, plus accumulated and unpaid dividends, if the Trust is in default for an extended period on its asset maintenance requirements with respect to the APS. If the dividends on the APS remain unpaid in an amount equal to two full years' dividends, the holders of the APS as a class have the right to elect a majority of the Board of Trustees. In general, the holders of the APS and the common shares have equal voting rights of one vote per share, except that the holders of the APS, as a separate class, have the right to elect at least two members of the Board of Trustees. The APS have a liquidation preference of \$25,000 per share, plus accumulated and unpaid dividends. The Trust is required to maintain certain asset coverage with respect to the APS as defined in the Trust's By-Laws and the 1940 Act. The Trust pays an annual fee up to 0.15% of the liquidation value of the APS to broker/dealers as a service fee if the auctions are unsuccessful; otherwise, the annual fee is 0.25%.

3 Distributions to Shareholders

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The Trust intends to make monthly distributions of net investment income to common shareholders, after payment of any dividends on any outstanding APS. In addition, at least annually, the Trust intends to distribute all or substantially all of its net realized capital gains (reduced by available capital loss carryforwards from prior years). Distributions to common shareholders are recorded on the ex-dividend date. Distributions to preferred shareholders are recorded daily and are payable at the end of each dividend period. The dividend rates for the APS at April 30, 2014, and the amount of dividends accrued

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Notes to Financial Statements (Unaudited) continued

(including capital gains, if any) to APS shareholders, average APS dividend rates (annualized), and dividend rate ranges for the six months then ended were as follows:

| | APS Dividend | Dividends | Average APS | Dividend |
|----------|----------------|----------------|-------------|------------|
| | Rates at | Accrued to APS | Dividend | Rate |
| | April 30, 2014 | Shareholders | Rates | Ranges (%) |
| Series A | 0.08% | \$ 17,390 | 0.11% | 0.06 0.17 |
| Series B | 0.08 | 17,390 | 0.11 | 0.06 0.17 |
| Series C | 0.09 | 18,686 | 0.11 | 0.09 0.17 |
| Series D | 0.09 | 16,114 | 0.10 | 0.06 0.23 |

Beginning February 13, 2008 and consistent with the patterns in the broader market for auction-rate securities, the Trust's APS auctions were unsuccessful in clearing due to an imbalance of sell orders over bids to buy the APS. As a result, the dividend rates of the APS were reset to the maximum applicable rates. The table above reflects such maximum dividend rate for each series as of April 30, 2014.

The Trust distinguishes between distributions on a tax basis and a financial reporting basis. Accounting principles generally accepted in the United States of America require that only distributions in excess of tax basis earnings and profits be reported in the financial statements as a return of capital. Permanent differences between book and tax accounting relating to distributions are reclassified to paid-in capital. For tax purposes, distributions from short-term capital gains are considered to be from ordinary income.

4 Investment Adviser Fee and Other Transactions with Affiliates

The investment adviser fee is earned by EVM as compensation for management and investment advisory services rendered to the Trust. The fee is computed at an annual rate of 0.75% of the Trust's average daily gross assets and is payable monthly. Gross assets as referred to herein represent net assets plus obligations attributable to investment leverage. For the six months ended April 30, 2014, the Trust's investment adviser fee amounted to \$3,433,509. The Trust invests its cash in Cash Reserves Fund. EVM does not currently receive a fee for advisory services provided to Cash Reserves Fund. EVM also serves as administrator of the Trust, but receives no compensation.

Trustees and officers of the Trust who are members of EVM's organization receive remuneration for their services to the Trust out of the investment adviser fee. Trustees of the Trust who are not affiliated with EVM may elect to defer receipt of all or a percentage of their annual fees in accordance with the terms of the Trustees Deferred Compensation Plan. For the six months ended April 30, 2014, no significant amounts have been deferred. Certain officers and Trustees of the Trust are officers of EVM.

5 Purchases and Sales of Investments

Purchases and sales of investments, other than short-term obligations and including maturities, paydowns and principal repayments on Senior Loans, aggregated \$163,183,026 and \$164,400,286, respectively, for the six months ended April 30, 2014.

6 Common Shares of Beneficial Interest and Shelf Offering

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The Trust may issue common shares pursuant to its dividend reinvestment plan. There were no common shares issued by the Trust for the six months ended April 30, 2014. Common shares issued by the Trust pursuant to its dividend reinvestment plan for the year ended October 31, 2013 were 51,566.

Pursuant to a registration statement filed with and originally declared effective on November 14, 2012 by the SEC, the Trust is authorized to issue up to an additional 3,380,550 common shares through an equity shelf offering program (the "shelf offering"). Under the shelf offering, the Trust, subject to market conditions, may raise additional capital from time to time and in varying amounts and offering methods at a net price at or above the Trust's net asset value per common share. On May 30, 2013, and as approved by the Trustees, the Trust filed a registration statement with the SEC to allow it to issue additional common shares through a shelf offering, which is subject to the effectiveness of such registration statement.

During the six months ended April 30, 2014, the Trust did not sell any common shares through its shelf offering. During the year ended October 31, 2013, the Trust sold 2,979,799 common shares and received proceeds (net of offering costs) of \$49,800,858 through its shelf offering. The net proceeds in excess of the net asset value of the shares sold were \$2,463,769.

Offering costs (other than the applicable sales commissions) incurred in connection with the shelf offering were borne directly by EVM. Eaton Vance Distributors, Inc. (EVD), an affiliate of EVM, is the distributor of the Trust's shares and is entitled to receive a sales commission from the Trust of 1.00% of the gross sales price per share, a portion of which is re-allowed to sales agents. The Trust was informed that EVD did not retain any sales commissions during the six months ended April 30, 2014.

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Notes to Financial Statements (Unaudited) continued

On November 11, 2013, the Board of Trustees of the Trust authorized the repurchase by the Trust of up to 10% of its then currently outstanding common shares in open-market transactions at a discount to net asset value. The repurchase program does not obligate the Trust to purchase a specific amount of shares. There were no repurchases of common shares by the Trust for the six months ended April 30, 2014.

7 Federal Income Tax Basis of Investments

The cost and unrealized appreciation (depreciation) of investments of the Trust at April 30, 2014, as determined on a federal income tax basis, were as follows:

| | |
|------------------------------------|-----------------------|
| Aggregate cost | \$ 926,447,570 |
| Gross unrealized appreciation | \$ 12,440,993 |
| Gross unrealized depreciation | (9,608,886) |
| Net unrealized appreciation | \$ 2,832,107 |

8 Restricted Securities

At April 30, 2014, the Trust owned the following securities (representing less than 0.05% of net assets applicable to common shares) which were restricted as to public resale and not registered under the Securities Act of 1933 (excluding Rule 144A securities). The Trust has various registration rights (exercisable under a variety of circumstances) with respect to these securities. The value of these securities is determined based on valuations provided by brokers when available, or if not available, they are valued at fair value using methods determined in good faith by or at the direction of the Trustees.

| Description | Date of | | | |
|----------------------------|-------------|--------|-------------------|-------------------|
| | Acquisition | Shares | Cost | Value |
| Common Stocks | | | | |
| Panolam Holdings Co. | 12/30/09 | 253 | \$ 139,024 | \$ 246,569 |
| Total Common Stocks | | | \$ 139,024 | \$ 246,569 |

9 Financial Instruments

The Trust may trade in financial instruments with off-balance sheet risk in the normal course of its investing activities. These financial instruments may include forward foreign currency exchange contracts and may involve, to a varying degree, elements of risk in excess of the amounts recognized for financial statement purposes. The notional or contractual amounts of these instruments represent the investment the Trust has in particular classes of financial instruments and do not necessarily represent the amounts potentially subject to risk. The measurement of the risks associated with these instruments is meaningful only when all related and offsetting transactions are considered.

Eaton Vance

Senior Floating-Rate Trust

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Notes to Financial Statements (Unaudited) continued

A summary of obligations under these financial instruments at April 30, 2014 is as follows:

Forward Foreign Currency Exchange Contracts

| Settlement Date | Deliver | In Exchange For | Counterparty | Net | | |
|-----------------|-------------------------------------|------------------------------------|-----------------------------|----------------------------|------------------------------|----------------------------|
| | | | | Unrealized Appreciation | Unrealized (Depreciation) | Unrealized Depreciation |
| 5/30/14 | British Pound Sterling 1,009,932 | United States Dollar 1,681,946 | Goldman Sachs International | \$ | \$ (22,848) | \$ (22,848) |
| 5/30/14 | Canadian Dollar 626,295 | United States Dollar 560,669 | JPMorgan Chase Bank | | (10,355) | (10,355) |
| 5/30/14 | Euro 7,778,148 | United States Dollar 10,644,473 | Citibank NA | | (145,908) | (145,908) |
| 6/30/14 | British Pound Sterling 7,743,427 | United States Dollar 12,859,819 | Citibank NA | | (208,183) | (208,183) |
| 6/30/14 | Euro 8,408,339 | United States Dollar 11,554,866 | HSBC Bank USA | | (108,809) | (108,809) |
| 7/31/14 | British Pound Sterling 9,211,664 | United States Dollar 15,471,128 | HSBC Bank USA | | (70,988) | (70,988) |
| 7/31/14 | Euro 2,350,664 | United States Dollar 3,255,223 | Goldman Sachs International | | (5,374) | (5,374) |
| | | | | \$ | \$ (572,465) | \$ (572,465) |

At April 30, 2014, the Trust had sufficient cash and/or securities to cover commitments under these contracts.

The Trust is subject to foreign exchange risk in the normal course of pursuing its investment objectives. Because the Trust holds foreign currency denominated investments, the value of these investments and related receivables and payables may change due to future changes in foreign currency exchange rates. To hedge against this risk, the Trust enters into forward foreign currency exchange contracts.

The Trust enters into forward foreign currency exchange contracts that may contain provisions whereby the counterparty may terminate the contract under certain conditions, including but not limited to a decline in the Trust's net assets below a certain level over a certain period of time, which would trigger a payment by the Trust for those derivatives in a liability position. At April 30, 2014, the fair value of derivatives with credit-related contingent features in a net liability position was \$572,465. The aggregate fair value of assets pledged as collateral by the Trust for such liability was \$533,000 at April 30, 2014.

The over-the-counter (OTC) derivatives in which the Trust invests are subject to the risk that the counterparty to the contract fails to perform its obligations under the contract. To mitigate this risk, the Trust has entered into an International Swaps and Derivatives Association, Inc. Master Agreement (ISDA Master Agreement) or similar agreement with substantially all its derivative counterparties. An ISDA Master Agreement is a bilateral agreement between the Trust and a counterparty that governs certain OTC derivatives and typically contains, among other things, set-off provisions in the event of a default and/or termination event as defined under the relevant ISDA Master Agreement. Under an ISDA Master Agreement, the Trust may, under certain circumstances, offset with the counterparty certain derivative financial instruments payables and/or receivables with collateral held and/or posted and create one single net payment. The provisions of the ISDA Master Agreement typically permit a single net payment in the event of default including the bankruptcy or insolvency of the counterparty. However, bankruptcy or insolvency laws of a particular jurisdiction may impose restrictions on or prohibitions against the right of offset in bankruptcy or insolvency. Certain ISDA Master Agreements allow counterparties to OTC derivatives to terminate derivative contracts prior to maturity in the event the Trust's net assets decline by a stated percentage or the Trust fails to meet the terms of its ISDA Master Agreements, which would cause the counterparty to accelerate

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payment by the Trust of any net liability owed to it.

The collateral requirements for derivatives traded under an ISDA Master Agreement are governed by a Credit Support Annex to the ISDA Master Agreement. Collateral requirements are determined at the close of business each day and are typically based on changes in market values for each transaction under an ISDA Master Agreement and netted into one amount for such agreement. Generally, the amount of collateral due from or to a counterparty is subject to a minimum transfer threshold amount before a transfer is required, which may vary by counterparty. Collateral pledged for the benefit of the Trust and/or counterparty is held in segregated accounts by the Trust's custodian and cannot be sold, re-pledged, assigned or otherwise used while pledged. The portion of such collateral representing cash, if any, is reflected as restricted cash and, in the case of cash pledged by a counterparty for the benefit of the Trust, a corresponding liability on the Statement of Assets and Liabilities. Securities pledged by the Trust as collateral, if any, are identified as such in the Portfolio of Investments.

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Notes to Financial Statements (Unaudited) continued

The fair value of open derivative instruments (not considered to be hedging instruments for accounting disclosure purposes) and whose primary underlying risk exposure is foreign exchange risk at April 30, 2014 was as follows:

| Derivative | Fair Value | |
|---|------------------|-----------------------------|
| | Asset Derivative | Liability Derivative |
| Forward foreign currency exchange contracts | \$ | \$ (572,465) ⁽¹⁾ |

⁽¹⁾ Statement of Assets and Liabilities location: Payable for open forward foreign currency exchange contracts; Net unrealized appreciation.

During the current reporting period, the Trust adopted the new disclosure requirements for offsetting assets and liabilities pursuant to which an entity is required to disclose both gross and net information for assets and liabilities related to derivatives, repurchase and reverse repurchase agreements, and securities lending and securities borrowing transactions that are eligible for offset or subject to an enforceable master netting or similar agreement. The Trust's derivative assets and liabilities at fair value by type, which are reported gross in the Statement of Assets and Liabilities, are presented in the table above. The following table presents the Trust's derivative liabilities by counterparty, net of amounts available for offset under a master netting agreement and net of the related collateral pledged by the Trust for liabilities as of April 30, 2014.

| Counterparty | Derivative | | | | Net Amount of Derivative Liabilities ^(b) |
|-----------------------------|---|--|--|--|---|
| | Liabilities Subject to Master Netting Agreement | Derivatives Available for Offset | Non-cash Collateral Pledged ^(a) | Cash Collateral Pledged ^(a) | |
| Citibank NA | \$ (354,091) | \$ | \$ | \$ 273,000 | \$ (81,091) |
| Goldman Sachs International | (28,222) | | | | (28,222) |
| HSBC Bank USA | (179,797) | | | 179,797 | |
| JPMorgan Chase Bank | (10,355) | | | | (10,355) |
| | \$ (572,465) | \$ | \$ | \$ 452,797 | \$ (119,668) |

^(a) In some instances, the actual collateral received and/or pledged may be more than the amount shown due to overcollateralization.

^(b) Net amount represents the net amount payable to the counterparty in the event of default.

The effect of derivative instruments (not considered to be hedging instruments for accounting disclosure purposes) on the Statement of Operations and whose primary underlying risk exposure is foreign exchange risk for the six months ended April 30, 2014 was as follows:

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| | Realized Gain (Loss) on Derivatives Recognized in Income | Change in Unrealized Appreciation (Depreciation) on Derivatives Recognized in Income |
|---|---|---|
| Derivative | | |
| Forward foreign currency exchange contracts | \$ (1,730,452) ⁽¹⁾ | \$ (252,334) ⁽²⁾ |

⁽¹⁾ Statement of Operations location: Net realized gain (loss) Foreign currency and forward foreign currency exchange contract transactions.

⁽²⁾ Statement of Operations location: Change in unrealized appreciation (depreciation) Foreign currency and forward foreign currency exchange contracts. The average notional amount of forward foreign currency exchange contracts outstanding during the six months ended April 30, 2014, which is indicative of the volume of this derivative type, was approximately \$54,641,000.

10 Credit Agreement

The Trust has entered into a Credit Agreement (the Agreement) with a bank to borrow up to a limit of \$220 million (\$210 million prior to March 25, 2014) pursuant to a 364-day revolving line of credit. Borrowings under the Agreement are secured by the assets of the Trust. Interest is charged at a rate above the London Interbank Offered Rate (LIBOR) and is payable monthly. Under the terms of the Agreement, the Trust pays a commitment fee of 0.15% on the borrowing limit. The Trust is required to maintain certain net asset levels during the term of the Agreement. At April 30, 2014, the Trust had borrowings outstanding under the Agreement of \$210,000,000 at an interest rate of 0.92%. Based on the short-term nature of the borrowings under the Agreement and the variable interest rate, the carrying amount of the borrowings at April 30, 2014 approximated its fair value. If measured at fair value, borrowings under the Agreement would have been considered as Level 2 in the fair value hierarchy (see Note 13) at April 30, 2014. For the six months ended April 30, 2014, the average borrowings under the Agreement and the average annual interest rate (excluding fees) were \$210,000,000 and 0.94%, respectively.

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Notes to Financial Statements (Unaudited) continued

11 Risks Associated with Foreign Investments

Investing in securities issued by companies whose principal business activities are outside the United States may involve significant risks not present in domestic investments. For example, there is generally less publicly available information about foreign companies, particularly those not subject to the disclosure and reporting requirements of the U.S. securities laws. Certain foreign issuers are generally not bound by uniform accounting, auditing, and financial reporting requirements and standards of practice comparable to those applicable to domestic issuers. Investments in foreign securities also involve the risk of possible adverse changes in investment or exchange control regulations, expropriation or confiscatory taxation, limitation on the removal of funds or other assets of the Trust, political or financial instability or diplomatic and other developments which could affect such investments. Foreign securities markets, while growing in volume and sophistication, are generally not as developed as those in the United States, and securities of some foreign issuers (particularly those located in developing countries) may be less liquid and more volatile than securities of comparable U.S. companies. In general, there is less overall governmental supervision and regulation of foreign securities markets, broker/dealers and issuers than in the United States.

12 Credit Risk

The Trust invests primarily in below investment grade floating-rate loans, which are considered speculative because of the credit risk of their issuers. Changes in economic conditions or other circumstances are more likely to reduce the capacity of issuers of these securities to make principal and interest payments. Such companies are more likely to default on their payments of interest and principal owed than issuers of investment grade bonds. An economic downturn generally leads to a higher non-payment rate, and a loan or other debt obligation may lose significant value before a default occurs. Lower rated investments also may be subject to greater price volatility than higher rated investments. Moreover, the specific collateral used to secure a loan may decline in value or become illiquid, which would adversely affect the loan's value.

13 Fair Value Measurements

Under generally accepted accounting principles for fair value measurements, a three-tier hierarchy to prioritize the assumptions, referred to as inputs, is used in valuation techniques to measure fair value. The three-tier hierarchy of inputs is summarized in the three broad levels listed below.

Level 1 quoted prices in active markets for identical investments

Level 2 other significant observable inputs (including quoted prices for similar investments, interest rates, prepayment speeds, credit risk, etc.)

Level 3 significant unobservable inputs (including a fund's own assumptions in determining the fair value of investments)

In cases where the inputs used to measure fair value fall in different levels of the fair value hierarchy, the level disclosed is determined based on the lowest level input that is significant to the fair value measurement in its entirety. The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities.

At April 30, 2014, the hierarchy of inputs used in valuing the Trust's investments and open derivative instruments, which are carried at value, were as follows:

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| Asset Description | Level 1 | Level 2 | Level 3* | Total |
|---|-------------------|-----------------------|---------------------|-----------------------|
| Senior Floating-Rate Interests (Less Unfunded Loan Commitments) | \$ | \$ 820,429,778 | \$ 1,051,794 | \$ 821,481,572 |
| Corporate Bonds & Notes | | 71,121,070 | 107,536 | 71,228,606 |
| Asset-Backed Securities | | 17,925,666 | | 17,925,666 |
| Common Stocks | 634,926 | 297,422 | 2,763,875 | 3,696,223 |
| Miscellaneous | | 10,800 | | 10,800 |
| Short-Term Investments | | 14,936,810 | | 14,936,810 |
| Total Investments | \$ 634,926 | \$ 924,721,546 | \$ 3,923,205 | \$ 929,279,677 |
| Liability Description | | | | |
| Forward Foreign Currency Exchange Contracts | \$ | \$ (572,465) | \$ | \$ (572,465) |
| Total | \$ | \$ (572,465) | \$ | \$ (572,465) |

* None of the unobservable inputs for Level 3 assets, individually or collectively, had a material impact on the Trust. Level 3 investments at the beginning and/or end of the period in relation to net assets were not significant and accordingly, a reconciliation of Level 3 assets for the six months ended April 30, 2014 is not presented.

At April 30, 2014, there were no investments transferred between Level 1 and Level 2 during the six months then ended.

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Board of Trustees Contract Approval

Overview of the Contract Review Process

The Investment Company Act of 1940, as amended (the "1940 Act"), provides, in substance, that each investment advisory agreement between a fund and its investment adviser will continue in effect from year to year only if its continuation is approved at least annually by the fund's board of trustees, including by a vote of a majority of the trustees who are not interested persons of the fund (Independent Trustees), cast in person at a meeting called for the purpose of considering such approval.

At a meeting of the Boards of Trustees (each a "Board") of the Eaton Vance group of mutual funds (the "Eaton Vance Funds") held on April 28, 2014, the Board, including a majority of the Independent Trustees, voted to approve continuation of existing advisory and sub-advisory agreements for the Eaton Vance Funds for an additional one-year period. In voting its approval, the Board relied upon the affirmative recommendation of the Contract Review Committee of the Board, which is a committee comprised exclusively of Independent Trustees. Prior to making its recommendation, the Contract Review Committee reviewed information furnished by each adviser to the Eaton Vance Funds (including information specifically requested by the Board) for a series of meetings of the Contract Review Committee held between February and April 2014, as well as information considered throughout the year at meetings of the Board and its committees. Such information included, among other things, the following:

Information about Fees, Performance and Expenses

An independent report comparing the advisory and related fees paid by each fund with fees paid by comparable funds;

An independent report comparing each fund's total expense ratio and its components to comparable funds;

An independent report comparing the investment performance of each fund (including, where relevant, yield data, Sharpe ratios and information ratios) to the investment performance of comparable funds over various time periods;

Data regarding investment performance in comparison to benchmark indices and customized peer groups identified by the adviser in consultation with the Board;

For each fund, comparative information concerning the fees charged and the services provided by each adviser in managing other accounts (including mutual funds, other collective investment funds and institutional accounts) using investment strategies and techniques similar to those used in managing such fund;

Profitability analyses for each adviser with respect to each fund;

Information about Portfolio Management and Trading

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Descriptions of the investment management services provided to each fund, including the investment strategies and processes employed, and any changes in portfolio management processes and personnel;

Information about the allocation of brokerage and the benefits received by each adviser as a result of brokerage allocation, including information concerning the acquisition of research through client commission arrangements and the fund's policies with respect to soft dollar arrangements;

Data relating to portfolio turnover rates of each fund;

The procedures and processes used to determine the fair value of fund assets and actions taken to monitor and test the effectiveness of such procedures and processes;

Information about each adviser's processes for monitoring best execution of portfolio transactions, and other policies and practices of each adviser with respect to trading;

Information about each Adviser

Reports detailing the financial results and condition of each adviser;

Descriptions of the qualifications, education and experience of the individual investment professionals whose responsibilities include portfolio management and investment research for the funds, and information relating to their compensation and responsibilities with respect to managing other mutual funds and investment accounts;

Copies of the Codes of Ethics of each adviser and its affiliates, together with information relating to compliance with and the administration of such codes;

Copies of or descriptions of each adviser's policies and procedures relating to proxy voting, the handling of corporate actions and class actions;

Information concerning the resources devoted to compliance efforts undertaken by each adviser and its affiliates on behalf of the funds (including descriptions of various compliance programs) and their record of compliance with investment policies and restrictions, including policies with respect to market-timing, late trading and selective portfolio disclosure, and with policies on personal securities transactions;

Descriptions of the business continuity and disaster recovery plans of each adviser and its affiliates;

A description of Eaton Vance Management's procedures for overseeing third party advisers and sub-advisers, including with respect to regulatory and compliance issues, investment management and other matters;

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[Board of Trustees](#) [Contract Approval](#) [continued](#)

Other Relevant Information

Information concerning the nature, cost and character of the administrative and other non-investment management services provided by Eaton Vance Management and its affiliates;

Information concerning management of the relationship with the custodian, subcustodians and fund accountants by each adviser or the funds' administrator; and
The terms of each advisory agreement.

Over the course of the twelve-month period ended April 30, 2014, with respect to one or more funds, the Board met nine times and the Contract Review Committee, the Audit Committee, the Governance Committee, the Portfolio Management Committee and the Compliance Reports and Regulatory Matters Committee, each of which is a Committee comprised solely of Independent Trustees, met seven, seventeen, eleven, six and ten times respectively. At such meetings, the Trustees participated in investment and performance reviews with the portfolio managers and other investment professionals of each adviser relating to each fund, and considered the investment and trading strategies used in pursuing each fund's investment objective, including, where relevant, the use of derivative instruments, as well as processes for monitoring best execution of portfolio transactions and risk management techniques. The Board and its Committees also evaluated issues pertaining to industry and regulatory developments, compliance procedures, fund governance and other issues with respect to the funds, and received and participated in reports and presentations provided by Eaton Vance Management and other fund advisers with respect to such matters.

For funds that invest through one or more underlying portfolios, the Board considered similar information about the portfolio(s) when considering the approval of advisory agreements. In addition, in cases where the fund's investment adviser has engaged a sub-adviser, the Board considered similar information about the sub-adviser when considering the approval of any sub-advisory agreement.

The Contract Review Committee was assisted throughout the contract review process by Goodwin Procter LLP, legal counsel for the Independent Trustees. The members of the Contract Review Committee relied upon the advice of such counsel and their own business judgment in determining the material factors to be considered in evaluating each advisory and sub-advisory agreement and the weight to be given to each such factor. The conclusions reached with respect to each advisory and sub-advisory agreement were based on a comprehensive evaluation of all the information provided and not any single factor. Moreover, each member of the Contract Review Committee may have placed varying emphasis on particular factors in reaching conclusions with respect to each advisory and sub-advisory agreement. In evaluating each advisory and sub-advisory agreement, including the specific fee structures and other terms of the agreements, the Contract Review Committee was informed by multiple years of analysis and discussion among the Independent Trustees and the Funds' advisers and sub-advisers.

[Results of the Process](#)

Based on its consideration of the foregoing, and such other information as it deemed relevant, including the factors and conclusions described below, the Contract Review Committee concluded that the continuation of the investment advisory agreement of Eaton Vance Senior Floating-Rate Trust (the "Fund") with Eaton Vance Management (the "Adviser"), including its fee structure, is in the interests of shareholders and, therefore, the Contract Review Committee recommended to the Board approval of the agreement. The Board accepted the recommendation of the Contract Review Committee as well as the factors considered and conclusions reached by the Contract Review Committee with respect to the agreement. Accordingly, the Board, including a majority of the Independent Trustees, voted to approve continuation of the investment advisory agreement for the Fund.

[Nature, Extent and Quality of Services](#)

In considering whether to approve the investment advisory agreement of the Fund, the Board evaluated the nature, extent and quality of services provided to the Fund by the Adviser.

The Board considered the Adviser's management capabilities and investment process with respect to the types of investments held by the Fund, including the education, experience and number of its investment professionals and other personnel who provide portfolio management, investment research, and similar services to the Fund. In particular, the Board considered the abilities and experience of such investment personnel in analyzing special considerations relevant to

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investing in senior floating rate loans. The Board noted the experience of the Adviser's large group of bank loan investment professionals and other personnel who provide services to the Fund, including portfolio managers and analysts. The Board also took into account the resources dedicated to portfolio management and other services, including the compensation methods of the Adviser to recruit and retain investment personnel, and the time and attention devoted to the Fund by senior management.

The Board reviewed the compliance programs of the Adviser and relevant affiliates thereof. Among other matters, the Board considered compliance and reporting matters relating to personal trading by investment personnel, selective disclosure of portfolio holdings, late trading, frequent trading, portfolio valuation, business continuity and the allocation of investment opportunities. The Board also evaluated the responses of the Adviser and its affiliates to requests in recent years from regulatory authorities such as the Securities and Exchange Commission and the Financial Industry Regulatory Authority.

The Board considered shareholder and other administrative services provided or managed by Eaton Vance Management and its affiliates, including transfer agency and accounting services. The Board evaluated the benefits to shareholders of investing in a fund that is a part of a large family of funds.

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Board of Trustees Contract Approval continued

After consideration of the foregoing factors, among others, the Board concluded that the nature, extent and quality of services provided by the Adviser, taken as a whole, are appropriate and consistent with the terms of the investment advisory agreement.

Fund Performance

The Board compared the Fund's investment performance to a relevant universe of comparable funds identified by an independent data provider and appropriate benchmark indices, as well as a customized peer group of similarly managed funds. The Board reviewed comparative performance data for the one-, three-, and five-year periods ended September 30, 2013 for the Fund. The Board concluded that the performance of the Fund was satisfactory.

Management Fees and Expenses

The Board reviewed contractual fee rates for investment advisory and administrative services payable by the Fund (referred to as management fees). As part of its review, the Board considered the management fees and the Fund's total expense ratio for the year ended September 30, 2013, as compared to a group of similarly managed funds selected by an independent data provider. The Board also considered factors that had an impact on Fund expense ratios, as identified by management in response to inquiries from the Contract Review Committee, as well as actions taken by management in recent years to reduce expenses at the fund complex level, including the negotiation of reduced fees for transfer agency and custody services.

After reviewing the foregoing information, and in light of the nature, extent and quality of the services provided by the Adviser, the Board concluded that the management fees charged for advisory and related services are reasonable.

Profitability

The Board reviewed the level of profits realized by the Adviser and relevant affiliates thereof in providing investment advisory and administrative services to the Fund and to all Eaton Vance Funds as a group. The Board considered the level of profits realized without regard to revenue sharing or other payments by the Adviser and its affiliates to third parties in respect of distribution services. The Board also considered other direct or indirect benefits received by the Adviser and its affiliates in connection with their relationships with the Fund, including the benefits of research services that may be available to the Adviser as a result of securities transactions effected for the Fund and other investment advisory clients.

The Board concluded that, in light of the foregoing factors and the nature, extent and quality of the services rendered, the profits realized by the Adviser and its affiliates are reasonable.

Economies of Scale

In reviewing management fees and profitability, the Board also considered the extent to which the Adviser and its affiliates, on the one hand, and the Fund, on the other hand, can expect to realize benefits from economies of scale as the assets of the Fund increase. The Board acknowledged the difficulty in accurately measuring the benefits resulting from the economies of scale with respect to the management of any specific fund or group of funds. The Board reviewed data summarizing the increases and decreases in the assets of the Fund and of all Eaton Vance Funds as a group over various time periods, and evaluated the extent to which the total expense ratio of the Fund and the profitability of the Adviser and its affiliates may have been affected by such increases or decreases. Based upon the foregoing, the Board concluded that the Fund currently shares in the benefits from economies of scale. The Board also considered the fact that the Fund is not continuously offered and that the Fund's assets are not expected to increase materially in the foreseeable future. The Board concluded that, in light of the level of the Adviser's profits with respect to the Fund, the implementation of breakpoints in the advisory fee schedule is not warranted at this time.

Eaton Vance

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April 30, 2014

Officers and Trustees

Officers of Eaton Vance Senior Floating-Rate Trust

Scott H. Page

President

Payson F. Swaffield

Vice President

Maureen A. Gemma

Vice President, Secretary and

Chief Legal Officer

James F. Kirchner

Treasurer

Paul M. O Neil

Chief Compliance Officer

Trustees of Eaton Vance Senior Floating-Rate Trust

Ralph F. Verni

Chairman

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Scott E. Eston

Thomas E. Faust Jr.*

Allen R. Freedman

Cynthia E. Frost

George J. Gorman

Valerie A. Mosley

William H. Park

Ronald A. Pearlman

Helen Frame Peters

Harriett Tee Taggart

* Interested Trustee

Number of Employees

The Trust is organized as a Massachusetts business trust and is registered under the Investment Company Act of 1940, as amended, as a closed-end management investment company and has no employees.

Number of Shareholders

As of April 30, 2014, Trust records indicate that there are 11 registered shareholders and approximately 22,103 shareholders owning the Trust shares in street name, such as through brokers, banks, and financial intermediaries.

If you are a street name shareholder and wish to receive Trust reports directly, which contain important information about the Trust, please write or call:

Eaton Vance Distributors, Inc.

Two International Place

Boston, MA 02110

1-800-262-1122

New York Stock Exchange symbol

The New York Stock Exchange symbol is EFR.

Eaton Vance Funds

IMPORTANT NOTICES

Privacy. The Eaton Vance organization is committed to ensuring your financial privacy. Each of the financial institutions identified below has in effect the following policy (Privacy Policy) with respect to nonpublic personal information about its customers:

Only such information received from you, through application forms or otherwise, and information about your Eaton Vance fund transactions will be collected. This may include information such as name, address, social security number, tax status, account balances and transactions.

None of such information about you (or former customers) will be disclosed to anyone, except as permitted by law (which includes disclosure to employees necessary to service your account). In the normal course of servicing a customer's account, Eaton Vance may share information with unaffiliated third parties that perform various required services such as transfer agents, custodians and broker-dealers.

Policies and procedures (including physical, electronic and procedural safeguards) are in place that are designed to protect the confidentiality of such information.

We reserve the right to change our Privacy Policy at any time upon proper notification to you. Customers may want to review our Privacy Policy periodically for changes by accessing the link on our homepage: www.eatonvance.com.

Our pledge of privacy applies to the following entities within the Eaton Vance organization: the Eaton Vance Family of Funds, Eaton Vance Management, Eaton Vance Investment Counsel, Eaton Vance Distributors, Inc., Eaton Vance Trust Company, Eaton Vance Management's Real Estate Investment Group and Boston Management and Research. In addition, our Privacy Policy applies only to those Eaton Vance customers who are individuals and who have a direct relationship with us. If a customer's account (i.e., fund shares) is held in the name of a third-party financial advisor/broker-dealer, it is likely that only such advisor's privacy policies apply to the customer. This notice supersedes all previously issued privacy disclosures. For more information about Eaton Vance's Privacy Policy, please call 1-800-262-1122.

Delivery of Shareholder Documents. The Securities and Exchange Commission (SEC) permits funds to deliver only one copy of shareholder documents, including prospectuses, proxy statements and shareholder reports, to fund investors with multiple accounts at the same residential or post office box address. This practice is often called "householding" and it helps eliminate duplicate mailings to shareholders. *Eaton Vance, or your financial advisor, may household the mailing of your documents indefinitely unless you instruct Eaton Vance, or your financial advisor, otherwise.* If you would prefer that your Eaton Vance documents not be househanded, please contact Eaton Vance at 1-800-262-1122, or contact your financial advisor. Your instructions that householding not apply to delivery of your Eaton Vance documents will be effective within 30 days of receipt by Eaton Vance or your financial advisor.

Portfolio Holdings. Each Eaton Vance Fund and its underlying Portfolio(s) (if applicable) will file a schedule of portfolio holdings on Form N-Q with the SEC for the first and third quarters of each fiscal year. The Form N-Q will be available on the Eaton Vance website at www.eatonvance.com, by calling Eaton Vance at 1-800-262-1122 or in the EDGAR database on the SEC's website at www.sec.gov. Form N-Q may also be reviewed and copied at the SEC's public reference room in Washington, D.C. (call 1-800-732-0330 for information on the operation of the public reference room).

Proxy Voting. From time to time, funds are required to vote proxies related to the securities held by the funds. The Eaton Vance Funds or their underlying Portfolios (if applicable) vote proxies according to a set of policies and procedures approved by the Funds' and Portfolios' Boards. You may obtain a description of these policies and procedures and information on how the Funds or Portfolios voted proxies relating to portfolio securities during the most recent 12-month period ended June 30, without charge, upon request, by calling 1-800-262-1122 and by accessing the SEC's website at www.sec.gov.

Share Repurchase Program. On November 11, 2013, the Trust's Board of Trustees approved a share repurchase program authorizing the Trust to repurchase up to 10% of its currently outstanding common shares in open-market transactions at a discount to net asset value. The repurchase program does not obligate the Trust to purchase a specific amount of shares. The Trust's repurchase activity, including the number of shares purchased, average price and average discount to net asset value, are disclosed in the Trust's annual and semi-annual reports to shareholders.

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Additional Notice to Shareholders. If applicable, a Fund may also redeem or purchase its outstanding preferred shares in order to maintain compliance with regulatory requirements, borrowing or rating agency requirements or for other purposes as it deems appropriate or necessary.

Closed-End Fund Information. Eaton Vance closed-end funds make fund performance data and certain information about portfolio characteristics available on the Eaton Vance website shortly after the end of each month. The funds' net asset value per share is readily accessible on the Eaton Vance website. Portfolio holdings for the most recent month-end are also posted to the website approximately 30 days following the end of the month. This information is available at www.eatonvance.com on the fund information pages under Individual Investors Closed-End Funds .

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Investment Adviser and Administrator

Eaton Vance Management

Two International Place

Boston, MA 02110

Custodian

State Street Bank and Trust Company

State Street Financial Center, One Lincoln Street

Boston, MA 02111

Transfer Agent

American Stock Transfer & Trust Company, LLC

6201 15th Avenue

Brooklyn, NY 11219

Fund Offices

Two International Place

Boston, MA 02110

7735 4.30.14

Item 2. Code of Ethics

Not required in this filing.

Item 3. Audit Committee Financial Expert

Not required in this filing.

Item 4. Principal Accountant Fees and Services

Not required in this filing.

Item 5. Audit Committee of Listed Registrants

Not required in this filing.

Item 6. Schedule of Investments

Please see schedule of investments contained in the Report to Stockholders included under Item 1 of this Form N-CSR.

Item 7. Disclosure of Proxy Voting Policies and Procedures for Closed-End Management Investment Companies

Not required in this filing.

Item 8. Portfolio Managers of Closed-End Management Investment Companies

Not required in this filing.

Item 9. Purchases of Equity Securities by Closed-End Management Investment Company and Affiliated Purchasers

No such purchases this period.

Item 10. Submission of Matters to a Vote of Security Holders

No material changes.

Item 11. Controls and Procedures

(a) It is the conclusion of the registrant's principal executive officer and principal financial officer that the effectiveness of the registrant's current disclosure controls and procedures (such disclosure controls and procedures having been evaluated within 90 days of the date of this filing) provide reasonable assurance that the information required to be disclosed by the registrant has been recorded, processed, summarized and reported within the time period specified in the Commission's rules and forms and that the information required to be disclosed by the registrant has been accumulated and communicated to the registrant's principal executive officer and principal financial officer in order to allow timely decisions regarding required disclosure.

(b) There have been no changes in the registrant's internal controls over financial reporting during the second fiscal quarter of the period covered by this report that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 12. Exhibits

- (a)(1) Registrant's Code of Ethics Not applicable (please see Item 2).
- (a)(2)(i) Treasurer's Section 302 certification.
- (a)(2)(ii) President's Section 302 certification.
- (b) Combined Section 906 certification.

Signatures

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

Eaton Vance Senior Floating-Rate Trust

By: /s/ Scott H. Page
Scott H. Page
President

Date: June 6, 2014

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

By: /s/ James F. Kirchner
James F. Kirchner
Treasurer

Date: June 6, 2014

By: /s/ Scott H. Page
Scott H. Page
President

Date: June 6, 2014