

Ivy High Income Opportunities Fund  
Form N-Q  
February 27, 2019

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**FORM N-Q**

**QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED**  
**MANAGEMENT INVESTMENT COMPANY**

Investment Company Act file number: 811-22800

**Ivy High Income Opportunities Fund**

(Exact name of registrant as specified in charter)

**6300 Lamar Avenue, Overland Park, Kansas 66202**

(Address of principal executive offices) (Zip code)

**Jennifer K. Dulski**

**6300 Lamar Avenue**

**Overland Park, Kansas 66202**

(Name and address of agent for service)

Registrant's telephone number, including area code: (913) 236-2000

Date of fiscal year end: September 30

Date of reporting period: December 31, 2018



ITEM 1. SCHEDULE OF INVESTMENTS.

## SCHEDULE OF INVESTMENTS

**Ivy High Income Opportunities Fund** *(in thousands)* DECEMBER 31, 2018 (UNAUDITED)

| COMMON STOCKS  | Shares | Value           |
|--|--------|-----------------|
| <b>Communication Services</b>                          |        |                 |
| <b>Broadcasting 0.0%</b>                               |        |                 |
| Cumulus Media, Inc., Class A (A)                       | 10     | \$ 105          |
| <b>Total Communication Services 0.0%</b>               |        | <b>105</b>      |
| <b>Consumer Discretionary</b>                          |        |                 |
| <b>Apparel Retail 0.2%</b>                             |        |                 |
| True Religion Apparel, Inc. (A)(B)(E)                  | 34     | 579             |
| <b>Hotels, Resorts &amp; Cruise Lines 0.8%</b>         |        |                 |
| Studio City International Holdings Ltd.<br>ADR (A)     | 108    | 1,811           |
| <b>Total Consumer Discretionary 1.0%</b>               |        | <b>2,390</b>    |
| <b>Energy</b>  |        |                 |
| <b>Oil &amp; Gas Equipment &amp; Services 0.2%</b>     |        |                 |
| Larchmont Resources LLC (A)(B)(C)(D)(E)                | 2      | 415             |
| <b>Oil &amp; Gas Exploration &amp; Production 0.1%</b> |        |                 |
| Midstates Petroleum Co., Inc. (A)                      | 32     | 239             |
| <b>Total Energy 0.3%</b>                               |        | <b>654</b>      |
| <b>Financials</b>                                      |        |                 |
| <b>Other Diversified Financial Services 1.1%</b>       |        |                 |
| J.G. Wentworth Co. (The) (B)(C)                        | 249    | 2,489           |
| <b>Total Financials 1.1%</b>                           |        | <b>2,489</b>    |
| <b>Health Care</b>                                     |        |                 |
| <b>Pharmaceuticals 0.1%</b>                            |        |                 |
| Concordia International Corp. (A)(E)                   | 9      | 176             |
| <b>Total Health Care 0.1%</b>                          |        | <b>176</b>      |
| <b>Industrials</b>                                     |        |                 |
| <b>Air Freight &amp; Logistics 0.0%</b>                |        |                 |
| BIS Industries Ltd. (B)(C)                             | 804    | 15              |
| <b>Total Industrials 0.0%</b>                          |        | <b>15</b>       |
| <b>TOTAL COMMON STOCKS 2.5%</b>                        |        | <b>\$ 5,829</b> |
| (Cost: \$5,452)  |        |                 |
| <b>PREFERRED STOCKS</b>                                |        |                 |
| <b>Consumer Staples</b>                                |        |                 |
| <b>Agricultural Products 0.0%</b>                      |        |                 |
|  | 1,358  | 122             |

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Pinnacle Agriculture Enterprises  
LLC (A)(B)(C)

**Total Consumer Staples 0.0%** **122**

**Energy**

**Oil & Gas Exploration & Production 1.3%**

Targa Resources Corp.,  
9.500% (A)(C) 3 3,160

**Total Energy 1.3%** **3,160**

**TOTAL PREFERRED STOCKS 1.3%** **\$ 3,282**

(Cost: \$3,909)

**CORPORATE DEBT SECURITIES**

**Principal**

**Communication Services**

**Advertising 0.2%**

Acosta, Inc.,  
7.750%, 10-1-22 (F) \$ 687 127

Outfront Media Capital LLC and Outfront Media Capital Corp.,  
5.625%, 2-15-24 387 381

508

**Alternative Carriers 0.4%**

Consolidated Communications Finance II Co.,  
6.500%, 10-1-22 (G) 952 838

**Broadcasting 4.3%**

Clear Channel International B.V.,  
8.750%, 12-15-20 (F) 282 284

Clear Channel Outdoor Holdings, Inc.,  
6.500%, 11-15-22 (G) 2,289 2,289

Clear Channel Worldwide Holdings, Inc., Series A,  
7.625%, 3-15-20 54 53

Clear Channel Worldwide Holdings, Inc., Series B,  
7.625%, 3-15-20 (G) 6,669 6,502

Sirius XM Radio, Inc.,  
4.625%, 5-15-23 (F)(G) 887 849

9,977

**Cable & Satellite 18.7%**

Altice Financing S.A.:  
6.625%, 2-15-23 (F) 832 799

7.500%, 5-15-26 (F)(G) 1,425 1,300

Altice France S.A.:  
7.375%, 5-1-26 (F)(G) 3,100 2,844

8.125%, 2-1-27 (F)(G) 2,659 2,506

Altice S.A.:  
7.250%, 5-15-22 (F)(H) EUR 152 162

7.750%, 5-15-22 (F) \$ 13,635 12,408

6.250%, 2-15-25 (F)(H) EUR 184 167

7.625%, 2-15-25 (F)(G)(I) \$ 11,307 8,452

Altice U.S. Finance I Corp.:  
5.375%, 7-15-23 (F) 1,026 1,001

5.500%, 5-15-26 (F) 1,216 1,146

Block Communications, Inc.,  
6.875%, 2-15-25 (F) 269 270

CCO Holdings LLC and CCO Holdings Capital Corp.:  
5.500%, 5-1-26 (F) 485 466

5.000%, 2-1-28 (F)(G) 1,642 1,511

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|  |       |               |
|--|-------|---------------|
| CSC Holdings LLC,<br>5.375%, 2-1-28 (F)(G)                 | 1,940 | 1,784         |
| DISH DBS Corp.:<br>5.875%, 7-15-22 (G)                     | 2,000 | 1,840         |
| 5.875%, 11-15-24   | 748   | 602           |
| 7.750%, 7-1-26 (G)   | 1,032 | 854           |
| Neptune Finco Corp.:<br>10.125%, 1-15-23 (F)               | 831   | 894           |
| 6.625%, 10-15-25 (F)                                       | 394   | 399           |
| 10.875%, 10-15-25 (F)                                      | 594   | 667           |
| VTR Finance B.V.,<br>6.875%, 1-15-24 (F)(G)                | 3,934 | 3,934         |
|  |       | 44,006        |
| <br>   |       |               |
| <b>Integrated Telecommunication Services 11.0%</b>         |       |               |
| <b>Frontier Communications Corp.:</b>                      |       |               |
| 6.875%, 1-15-25 (G)(I)                                     | 2,556 | 1,297         |
| 11.000%, 9-15-25 (G)(I)                                    | 3,876 | 2,413         |
| 8.500%, 4-1-26 (F)(G)                                      | 6,302 | 5,514         |
| GCI, Inc.,<br>6.875%, 4-15-25 (G)                          | 2,870 | 2,784         |
| Olympus Merger Sub, Inc.,<br>8.500%, 10-15-25 (F)(G)       | 7,035 | 5,522         |
| Sprint Corp.:<br>7.250%, 9-15-21 (G)                       | 5,781 | 5,917         |
| 7.875%, 9-15-23 (G)  | 1,538 | 1,579         |
| 7.625%, 3-1-26 (G)   | 777   | 767           |
|  |       | 25,793        |
| <br>   |       |               |
| <b>Movies &amp; Entertainment 0.3%</b>                     |       |               |
| WMG Acquisition Corp.,<br>5.500%, 4-15-26 (F)              | 780   | 745           |
| <br>   |       |               |
| <b>Publishing 0.6%</b>                                     |       |               |
| E.W. Scripps Co.,<br>5.125%, 5-15-25 (F)                   | 142   | 130           |
| MDC Partners, Inc.,<br>6.500%, 5-1-24 (F)(G)               | 1,471 | 1,339         |
|  |       | 1,469         |
| <br>   |       |               |
| <b>Wireless Telecommunication Service 0.9%</b>             |       |               |
| Digicel Group Ltd.:<br>8.250%, 9-30-20 (F)                 | 718   | 484           |
| 7.125%, 4-1-22 (F)   | 535   | 249           |
| Digicel Ltd.,<br>6.750%, 3-1-23 (F)                        | 698   | 552           |
| Sable International Finance Ltd.,<br>6.875%, 8-1-22 (F)(G) | 548   | 559           |
| Sprint Nextel Corp.,<br>11.500%, 11-15-21                  | 178   | 202           |
|  |       | 2,046         |
| <br>   |       |               |
| <b>Total Communication Services 36.4%</b>                  |       | <b>85,382</b> |
| <b>Consumer Discretionary</b>                              |       |               |
| <b>Automotive Retail 0.7%</b>                              |       |               |
| Allison Transmission, Inc.,<br>5.000%, 10-1-24 (F)         | 315   | 302           |

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|   |       |       |
|---|-------|-------|
| Penske Automotive Group, Inc.,<br>5.500%, 5-15-26 (I)                                       | 218   | 203   |
| Sonic Automotive, Inc.,<br>5.000%, 5-15-23 (G)(I)   | 1,379 | 1,251 |
|   |       | 1,756 |
| <br>  |       |       |
| <b>Casinos &amp; Gaming 3.4%</b>  |       |       |
| Everi Payments, Inc.,<br>7.500%, 12-15-25 (F)(G)  | 1,684 | 1,593 |
| Gateway Casinos & Entertainment Ltd.,<br>8.250%, 3-1-24 (F)                                 | 983   | 998   |
| Golden Nugget, Inc.:<br>6.750%, 10-15-24 (F)(G)   | 2,466 | 2,324 |
| 8.750%, 10-1-25 (F)   | 384   | 370   |
| Stars Group Holdings B.V. and Stars Group (U.S.) Co-Borrower LLC,<br>7.000%, 7-15-26 (F)(G) | 1,065 | 1,036 |
| Studio City Finance Ltd.,<br>8.500%, 12-1-20 (F)(G)   | 602   | 602   |
| Wynn Macau Ltd.:<br>4.875%, 10-1-24 (F)   | 340   | 302   |
| 5.500%, 10-1-27 (F)   | 964   | 839   |
|   |       | 8,064 |
| <br>  |       |       |
| <b>Education Services 3.5%</b>  |       |       |
| Laureate Education, Inc.,<br>8.250%, 5-1-25 (F)(G)  | 7,858 | 8,251 |

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**Hotels, Resorts & Cruise Lines 0.4%**

Boyne USA, Inc.,  
7.250%, 5-1-25 (F) 1,019 1,052

**Leisure Facilities 0.4%**

Cedar Fair L.P., Magnum Management Corp., Canada's Wonderland Co. and Millennium Operations LLC,  
5.375%, 4-15-27 877 829

**Restaurants 0.7%**

1011778 B.C. Unlimited Liability Co. and New Red Finance, Inc.,  
5.000%, 10-15-25 (F)(G) 1,878 1,728

**Specialized Consumer Services 0.6%**

Nielsen Co. (Luxembourg) S.a.r.l. (The),  
5.500%, 10-1-21 (F)(G) 1,071 1,060

Nielsen Finance LLC and Nielsen Finance Co.,  
5.000%, 4-15-22 (F)(I) 375 358

1,418

**Specialty Stores 1.8%**

Arch Merger Sub, Inc.,  
8.500%, 9-15-25 (F)(G) 2,976 2,685

Cumberland Farms, Inc.,  
6.750%, 5-1-25 (F) 770 778

Party City Holdings, Inc.,  
6.625%, 8-1-26 (F)(I) 804 732

4,195

**Total Consumer Discretionary 11.5%**

**27,293**

**Consumer Staples**

**Food Distributors 1.0%**

Performance Food Group, Inc.,  
5.500%, 6-1-24 (F)(G) 1,054 1,020

U.S. Foods, Inc.,  
5.875%, 6-15-24 (F)(G) 1,330 1,293

2,313

**Packaged Foods & Meats 5.5%**

JBS USA LLC and JBS USA Finance, Inc.:  
5.875%, 7-15-24 (F)(G) 1,892 1,854

5.750%, 6-15-25 (F)(G) 1,794 1,713

JBS USA Lux S.A. and JBS USA Finance, Inc.,  
6.750%, 2-15-28 (F)(G) 1,282 1,250

Pilgrim's Pride Corp.:  
5.750%, 3-15-25 (F) 357 335

5.875%, 9-30-27 (F)(G) 1,275 1,157

Post Holdings, Inc.:  
5.500%, 3-1-25 (F) 346 332

5.000%, 8-15-26 (F) 523 476

5.750%, 3-1-27 (F)(G) 2,222 2,083

Simmons Foods, Inc.:  
7.750%, 1-15-24 (F)(I) 701 705

5.750%, 11-1-24 (F)(G) 4,255 3,021

12,926

**Total Consumer Staples 6.5%**

**15,239**



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**Energy**

**Oil & Gas Drilling 1.6%**

|  |       |       |
|--|-------|-------|
| EnSCO plc,<br>7.750%, 2-1-26                                 | 1,017 | 752   |
| KCA Deutag UK Finance plc,<br>7.250%, 5-15-21 (F)(G)         | 1,793 | 1,452 |
| Offshore Drilling Holding S.A.,<br>8.375%, 9-20-20 (F)(G)(J) | 3,385 | 1,714 |
| Offshore Group Investment Ltd.,<br>0.000%, 11-1-19 (B)(K)    | 883   | *     |
|  |       | 3,918 |

**Oil & Gas Equipment & Services 1.5%**

|   |       |       |
|---|-------|-------|
| Brand Energy & Infrastructure Services, Inc.,<br>8.500%, 7-15-25 (F)                | 767   | 654   |
| McDermott Escrow 1, Inc. and McDermott Escrow 2, Inc.,<br>10.625%, 5-1-24 (F)(G)(I) | 2,112 | 1,782 |
| Nine Energy Service, Inc.,<br>8.750%, 11-1-23 (F)                                   | 806   | 766   |
| SESI LLC,<br>7.125%, 12-15-21   | 401   | 341   |
|   |       | 3,543 |

**Oil & Gas Exploration & Production 5.3%**

|   |       |        |
|---|-------|--------|
| Bellatrix Exploration Ltd.,<br>8.500%, 5-15-20 (F)                    | 1,215 | 680    |
| Chesapeake Energy Corp.:<br>7.000%, 10-1-24 (G)                       | 1,867 | 1,615  |
| 8.000%, 1-15-25 (I)   | 157   | 139    |
| Crownrock L.P.,<br>5.625%, 10-15-25 (F)(G)                            | 2,927 | 2,634  |
| Endeavor Energy Resources L.P.:<br>5.500%, 1-30-26 (F)                | 1,014 | 1,039  |
| 5.750%, 1-30-28 (F)   | 728   | 743    |
| Extraction Oil & Gas, Inc.,<br>5.625%, 2-1-26 (F)(G)                  | 1,377 | 1,005  |
| Laredo Petroleum, Inc.,<br>6.250%, 3-15-23                            | 339   | 304    |
| Parsley Energy LLC and Parsley Finance Corp.,<br>5.625%, 10-15-27 (F) | 683   | 621    |
| Sanchez Energy Corp.,<br>7.250%, 2-15-23 (F)(I)                       | 257   | 209    |
| Seven Generations Energy Ltd.:<br>6.750%, 5-1-23 (F)(G)               | 1,866 | 1,847  |
| 5.375%, 9-30-25 (F)   | 975   | 873    |
| Ultra Resources, Inc.,<br>6.875%, 4-15-22 (F)                         | 565   | 198    |
| Whiting Petroleum Corp.,<br>6.625%, 1-15-26 (I)                       | 510   | 437    |
|   |       | 12,344 |

**Oil & Gas Refining & Marketing 2.6%**

|  |       |       |
|--|-------|-------|
| Callon Petroleum Co. (GTD by Callon Petroleum Operating Co.):<br>6.125%, 10-1-24 | 468   | 435   |
| 6.375%, 7-1-26   | 158   | 147   |
| Comstock Escrow Corp.,<br>9.750%, 8-15-26 (F)(G)                                 | 4,556 | 3,850 |
| EP Energy LLC and Everest Acquisition Finance, Inc.:<br>9.375%, 5-1-24 (F)       | 277   | 123   |
| 8.000%, 2-15-25 (F)(I)   | 588   | 243   |
| 7.750%, 5-15-26 (F)  | 793   | 702   |
| QEP Resources, Inc.,<br>5.625%, 3-1-26 (I)                                       | 628   | 521   |

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|  |       |               |
|--|-------|---------------|
|  |       | 6,021         |
| <b>Total Energy 11.0%</b>  |       | <b>25,826</b> |
| <b>Financials</b>  |       |               |
| <b>Consumer Finance 1.1%</b>   |       |               |
| CURO Group Holdings Corp.,<br>8.250%, 9-1-25 (F)(G)  | 1,340 | 1,052         |
| Quicken Loans, Inc.,<br>5.750%, 5-1-25 (F)(G)  | 1,688 | 1,578         |
|  |       | 2,630         |
| <b>Financial Exchanges &amp; Data 1.8%</b>   |       |               |
| Financial & Risk U.S. Holdings, Inc.:<br>6.250%, 5-15-26 (F)   | 1,068 | 1,031         |
| 8.250%, 11-15-26 (F)(G)  | 3,526 | 3,222         |
|  |       | 4,253         |
| <b>Insurance Brokers 1.5%</b>  |       |               |
| NFP Corp.,<br>6.875%, 7-15-25 (F)(G)   | 3,971 | 3,554         |
| <b>Investment Banking &amp; Brokerage 0.1%</b>   |       |               |
| VHF Parent LLC,<br>6.750%, 6-15-22 (F)   | 340   | 330           |
| <b>Other Diversified Financial Services 3.8%</b>   |       |               |
| Balboa Merger Sub, Inc.,<br>11.375%, 12-1-21 (F)(G)  | 2,687 | 2,815         |
| Icahn Enterprises L.P. and Icahn Enterprises Finance Corp.:<br>6.250%, 2-1-22 (G)                            | 1,523 | 1,504         |
| 6.375%, 12-15-25   | 508   | 489           |
| New Cotai LLC and New Cotai Capital Corp.<br><br>(10.625% Cash or 10.625% PIK),<br>10.625%, 5-1-19 (F)(G)(L) | 7,835 | 4,309         |
|  |       | 9,117         |
| <b>Property &amp; Casualty Insurance 1.5%</b>  |       |               |
| Amwins Group, Inc.,<br>7.750%, 7-1-26 (F)  | 1,329 | 1,256         |
| Hub International Ltd.,<br>7.000%, 5-1-26 (F)(G)   | 2,617 | 2,375         |
|  |       | 3,631         |
| <b>Specialized Finance 1.9%</b>  |       |               |
| Compass Group Diversified Holdings LLC,<br>8.000%, 5-1-26 (F)(G)   | 1,050 | 1,039         |
| Hadrian Merger Sub, Inc.,<br>8.500%, 5-1-26 (F)(G)   | 1,931 | 1,738         |
| Tervita Escrow Corp.,<br>7.625%, 12-1-21 (F)   | 529   | 504           |
| TMX Finance LLC and TitleMax Finance Corp.,<br>11.125%, 4-1-23 (F)(G)  | 1,581 | 1,272         |

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|  |       |               |
|--|-------|---------------|
|  |       | 4,553         |
| <b>Thriffs &amp; Mortgage Finance 0.5%</b>   |       |               |
| Provident Funding Associates L.P. and PFG Finance Corp.,<br>6.375%, 6-15-25 (F)                      | 1,220 | 1,098         |
| <b>Total Financials 12.2%</b>  |       | <b>29,166</b> |
| <b>Health Care</b>   |       |               |
| <b>Health Care Facilities 3.5%</b>   |       |               |
| DaVita HealthCare Partners, Inc.,<br>5.125%, 7-15-24   | 242   | 227           |
| MPH Acquisition Holdings LLC,<br>7.125%, 6-1-24 (F)  | 870   | 811           |
| RegionalCare Hospital Partners Holdings, Inc. and Legend Merger Sub, Inc.,<br>9.750%, 12-1-26 (F)(G) | 5,458 | 5,172         |
| Surgery Center Holdings, Inc.,<br>8.875%, 4-15-21 (F)(G)(I)  | 1,863 | 1,858         |
|  |       | 8,068         |
| <b>Health Care Supplies 2.2%</b>   |       |               |
| Kinetic Concepts, Inc. and KCI USA, Inc.,<br>12.500%, 11-1-21 (F)(G)                                 | 2,213 | 2,368         |
| Universal Hospital Services, Inc.,<br>7.625%, 8-15-20 (G)  | 2,679 | 2,659         |
|  |       | 5,027         |

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**Health Care Technology 1.7%**

Verscend Holding Corp.,  
9.750%, 8-15-26 (F)(G) 4,179 3,928

**Life Sciences Tools & Services 1.5%**

Avantor, Inc.:  
6.000%, 10-1-24 (F) 837 822  
9.000%, 10-1-25 (F)(G) 2,788 2,788  
  
3,610

**Pharmaceuticals 2.3%**

Advanz Pharma Corp.,  
8.000%, 9-6-24 (I) 177 168  
HLF Financing S.a.r.l. LLC and Herbalife International, Inc.,  
7.250%, 8-15-26 (F) 375 370  
Jaguar Holding Co. II and Pharmaceutical Product Development LLC,  
6.375%, 8-1-23 (F)(G) 1,061 1,014  
Valeant Pharmaceuticals International, Inc.:  
5.500%, 3-1-23 (F) 48 44  
5.500%, 11-1-25 (F) 488 455  
9.000%, 12-15-25 (F) 351 349  
9.250%, 4-1-26 (F) 1,042 1,042  
8.500%, 1-31-27 (F) 792 768  
VRX Escrow Corp.:  
5.875%, 5-15-23 (F) 777 719  
6.125%, 4-15-25 (F) 715 624  
  
5,553

**Total Health Care 11.2%**

**26,186**

**Industrials**

**Aerospace & Defense 1.9%**

TransDigm UK Holdings plc,  
6.875%, 5-15-26 (F) 893 850  
TransDigm, Inc. (GTD by TransDigm Group, Inc.):  
6.000%, 7-15-22 1,000 976  
6.500%, 7-15-24 (G) 2,260 2,198  
6.500%, 5-15-25 471 450  
  
4,474

**Building Products 0.2%**

WESCO Distribution, Inc. (GTD by WESCO International, Inc.),  
5.375%, 6-15-24 436 411

**Diversified Support Services 0.8%**

Ahern Rentals, Inc.,  
7.375%, 5-15-23 (F)(G) 2,037 1,630  
United Rentals (North America), Inc. (GTD by United Rentals, Inc.),  
5.875%, 9-15-26 217 204  
  
1,834

**Environmental & Facilities Services 1.5%**

GFL Environmental, Inc.:  
5.625%, 5-1-22 (F) 339 313  
5.375%, 3-1-23 (F)(G) 1,840 1,610

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|   |       |               |
|---|-------|---------------|
| 7.000%, 6-1-26 (F)(G)                                 | 1,578 | 1,377         |
| Waste Pro USA, Inc.,                                  |       |               |
| 5.500%, 2-15-26 (F)                                   | 198   | 182           |
|   |       | 3,482         |
| <b>Industrial Machinery 0.2%</b>                      |       |               |
| Apex Tool Group LLC and BC Mountain Finance, Inc.,    |       |               |
| 9.000%, 2-15-23 (F)(I)                                | 529   | 447           |
| <b>Security &amp; Alarm Services 1.4%</b>             |       |               |
| Prime Security Services Borrower LLC,                 |       |               |
| 9.250%, 5-15-23 (F)(G)                                | 3,102 | 3,199         |
| <b>Total Industrials 6.0%</b>                         |       | <b>13,847</b> |
| <b>Information Technology</b>                         |       |               |
| <b>Application Software 2.8%</b>                      |       |               |
| Kronos Acquisition Holdings, Inc.,                    |       |               |
| 9.000%, 8-15-23 (F)(G)                                | 3,668 | 2,815         |
| Solera LLC and Solera Finance, Inc.,                  |       |               |
| 10.500%, 3-1-24 (F)(G)                                | 3,379 | 3,599         |
|   |       | 6,414         |
| <b>Data Processing &amp; Outsourced Services 3.1%</b> |       |               |
| Alliance Data Systems Corp.,                          |       |               |
| 5.375%, 8-1-22 (F)(G)                                 | 1,853 | 1,807         |
| Italics Merger Sub, Inc.,                             |       |               |
| 7.125%, 7-15-23 (F)(G)                                | 5,170 | 5,035         |
| j2 Cloud Services LLC and j2 Global, Inc.,            |       |               |
| 6.000%, 7-15-25 (F)                                   | 468   | 457           |
|   |       | 7,299         |
| <b>IT Consulting &amp; Other Services 1.5%</b>        |       |               |
| Cardtronics, Inc. and Cardtronics USA, Inc.,          |       |               |
| 5.500%, 5-1-25 (F)                                    | 294   | 272           |
| NCR Escrow Corp.,                                     |       |               |
| 6.375%, 12-15-23 (G)                                  | 1,765 | 1,711         |
| Pioneer Holding Corp.,                                |       |               |
| 9.000%, 11-1-22 (F)(G)                                | 1,461 | 1,468         |
|   |       | 3,451         |
| <b>Total Information Technology 7.4%</b>              |       | <b>17,164</b> |
| <b>Materials</b>                                      |       |               |
| <b>Aluminum 1.5%</b>                                  |       |               |
| Constellium N.V.:                                     |       |               |
| 6.625%, 3-1-25 (F)(G)                                 | 1,803 | 1,672         |
| 5.875%, 2-15-26 (F)                                   | 911   | 811           |
| Novelis Corp. (GTD by Novelis, Inc.):                 |       |               |
| 6.250%, 8-15-24 (F)                                   | 674   | 633           |
| 5.875%, 9-30-26 (F)                                   | 446   | 395           |
|   |       | 3,511         |
| <b>Commodity Chemicals 0.7%</b>                       |       |               |
| NOVA Chemicals Corp.:                                 |       |               |

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|   |       |                   |
|---|-------|-------------------|
| 4.875%, 6-1-24 (F)(G)   | 1,215 | 1,096             |
| 5.250%, 6-1-27 (F)(G)   | 486   | 430               |
|   |       | 1,526             |
| <b>Construction Materials 1.1%</b>  |       |                   |
| Hillman Group, Inc. (The),<br>6.375%, 7-15-22 (F)(G)                                      | 3,027 | 2,452             |
| <b>Fertilizers &amp; Agricultural Chemicals 0.5%</b>                                      |       |                   |
| Pinnacle Operating Corp.,<br>9.000%, 5-15-23 (F)(G)                                       | 1,956 | 1,272             |
| <b>Metal &amp; Glass Containers 0.5%</b>  |       |                   |
| ARD Finance S.A. (7.125% Cash or 7.875% PIK),<br>7.125%, 9-15-23 (L)                      | 248   | 223               |
| ARD Securities Finance S.a.r.l.<br>(8.750% Cash or 8.750% PIK),<br>8.750%, 1-31-23 (F)(L) | 627   | 530               |
| HudBay Minerals, Inc.:<br>7.250%, 1-15-23 (F)   | 188   | 185               |
| 7.625%, 1-15-25 (F)   | 282   | 276               |
|   |       | 1,214             |
| <b>Paper Packaging 0.1%</b>   |       |                   |
| Flex Acquisition Co., Inc.,<br>6.875%, 1-15-25 (F)  | 321   | 286               |
| <b>Specialty Chemicals 0.2%</b>   |       |                   |
| Kraton Polymers LLC and Kraton Polymers Capital Corp.,<br>7.000%, 4-15-25 (F)(I)          | 475   | 437               |
| <b>Total Materials 4.6%</b>   |       | <b>10,698</b>     |
| <b>TOTAL CORPORATE DEBT SECURITIES 106.8%</b>   |       | <b>\$ 250,801</b> |
| (Cost: \$277,060)   |       |                   |
| <b>LOANS(M)</b>   |       |                   |
| <b>Communication Services</b>   |       |                   |
| <b>Advertising 0.4%</b>   |       |                   |
| Advantage Sales & Marketing, Inc. (ICE LIBOR plus 325 bps),<br>5.772%, 7-25-21            | 329   | 290               |
| Advantage Sales & Marketing, Inc. (ICE LIBOR plus 650 bps),<br>9.022%, 7-25-22            | 896   | 699               |
|   |       | 989               |
| <b>Broadcasting 0.1%</b>  |       |                   |
| MLN U.S. Holdco LLC,<br>0.000%, 11-30-26 (N)  | 221   | 215               |
| <b>Cable &amp; Satellite 0.0%</b>   |       |                   |
| Liberty Cablevision of Puerto Rico LLC<br>(ICE LIBOR plus 350 bps),<br>5.936%, 1-7-22     | 39    | 37                |

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**Integrated Telecommunication Services 1.2%**

|  |       |       |
|--|-------|-------|
| West Corp. (3-Month ICE LIBOR plus 400 bps),<br>6.527%, 10-10-24 | 3,168 | 2,901 |
|--|-------|-------|

**Publishing 0.2%**

|   |     |     |
|---|-----|-----|
| Recorded Books, Inc. (ICE LIBOR plus 450 bps),<br>7.303%, 8-31-25 | 481 | 472 |
|---|-----|-----|

**Wireless Telecommunication Service 0.1%**

|  |     |     |
|--|-----|-----|
| Digicel International Finance Ltd.<br>(ICE LIBOR plus 325 bps),<br>5.960%, 5-10-24 | 276 | 250 |
|--|-----|-----|

**Total Communication Services 2.0%**

**4,864**

**Consumer Discretionary**

**Apparel Retail 3.1%**

|   |       |       |
|---|-------|-------|
| Talbots, Inc. (The) (ICE LIBOR plus 700 bps),<br>9.506%, 11-28-22 (B) | 3,286 | 3,237 |
|---|-------|-------|

|  |       |       |
|--|-------|-------|
| TRLG Intermediate Holdings LLC,<br>10.000%, 10-27-22 | 4,111 | 3,919 |
|--|-------|-------|

7,156

**Education Services 1.1%**

|   |       |       |
|---|-------|-------|
| Laureate Education, Inc. (ICE LIBOR plus 350 bps),<br>6.027%, 4-26-24 | 2,602 | 2,546 |
|---|-------|-------|

**Housewares & Specialties 0.5%**

|  |       |       |
|--|-------|-------|
| KIK Custom Products, Inc. (ICE LIBOR plus 400 bps),<br>6.552%, 5-15-23 | 1,162 | 1,093 |
|--|-------|-------|

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**Restaurants 0.7%**

|   |       |       |
|---|-------|-------|
| NPC International, Inc. (ICE LIBOR plus 350 bps),<br>6.022%, 4-20-24  | 326   | 304   |
| NPC International, Inc. (ICE LIBOR plus 750 bps),<br>10.022%, 4-18-25 | 1,346 | 1,258 |
|   |       | 1,562 |

**Specialized Consumer Services 0.3%**

|   |     |     |
|---|-----|-----|
| Asurion LLC (ICE LIBOR plus 600 bps),<br>9.022%, 8-4-25 | 765 | 755 |
|---|-----|-----|

**Specialty Stores 1.3%**

|   |       |       |
|---|-------|-------|
| Jo-Ann Stores, Inc. (ICE LIBOR plus 500 bps),<br>7.477%, 10-16-23 | 960   | 911   |
| Jo-Ann Stores, Inc. (ICE LIBOR plus 925 bps),<br>11.727%, 5-21-24 | 2,243 | 2,164 |
|   |       | 3,075 |

**Textiles 0.6%**

|  |       |       |
|--|-------|-------|
| SIWF Holdings, Inc. (ICE LIBOR plus 425 bps),<br>6.720%, 6-15-25 | 1,579 | 1,531 |
|--|-------|-------|

**Total Consumer Discretionary 7.6%**

**17,718**

**Consumer Staples**

**Hypermarkets & Super Centers 0.6%**

|  |     |       |
|--|-----|-------|
| GOBP Holdings, Inc. (ICE LIBOR plus 375 bps),<br>6.553%, 10-22-25  | 880 | 856   |
| GOBP Holdings, Inc. (ICE LIBOR plus 725 bps),<br>10.053%, 10-22-26 | 590 | 580   |
|  |     | 1,436 |

**Total Consumer Staples 0.6%**

**1,436**

**Energy**

**Coal & Consumable Fuels 1.6%**

|   |       |       |
|---|-------|-------|
| Foresight Energy LLC (ICE LIBOR plus 725 bps),<br>8.277%, 3-28-22       | 2,848 | 2,782 |
| Westmoreland Coal Co.,<br>0.000%, 5-22-19 (N)                           | 66    | 66    |
| Westmoreland Coal Co. (ICE LIBOR plus 650 bps),<br>8.834%, 12-16-20 (O) | 1,763 | 674   |
| Westmoreland Coal Co. (ICE LIBOR plus 825 bps),<br>10.896%, 5-21-19     | 296   | 295   |
|   |       | 3,817 |

**Oil & Gas Drilling 0.2%**

|  |     |     |
|--|-----|-----|
| KCA Deutag Alpha Ltd. (ICE LIBOR plus 525 bps),<br>9.553%, 5-16-20 | 376 | 368 |
|--|-----|-----|

**Oil & Gas Equipment & Services 0.6%**

|  |       |       |
|--|-------|-------|
| Larchmont Resources LLC (9.770% Cash or 9.770% PIK),<br>9.770%, 8-7-20 (B)(D)(L) | 1,347 | 1,306 |
|--|-------|-------|



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|   |       |               |
|---|-------|---------------|
| <b>Oil &amp; Gas Exploration &amp; Production 0.3%</b>                                      |       |               |
| California Resources Corp. (ICE LIBOR plus 475 bps),<br>7.256%, 12-31-22                    | 761   | 736           |
| <br>  |       |               |
| <b>Oil &amp; Gas Storage &amp; Transportation 1.0%</b>                                      |       |               |
| Bowie Resources Holdings LLC (ICE LIBOR plus 1,075 bps),<br>13.457%, 2-16-21                | 1,032 | 971           |
| Bowie Resources Holdings LLC (ICE LIBOR plus 575 bps),<br>8.457%, 8-12-20                   | 1,504 | 1,459         |
|   |       | 2,430         |
|   |       | <b>8,657</b>  |
| <b>Total Energy 3.7%</b>  |       |               |
| <b>Financials</b>   |       |               |
| <b>Asset Management &amp; Custody Banks 0.7%</b>  |       |               |
| Edelman Financial Holdings II, Inc. (ICE LIBOR plus 675 bps),<br>9.186%, 7-20-26 (B)        | 1,703 | 1,618         |
| <br>  |       |               |
| <b>Financial Exchanges &amp; Data 0.5%</b>  |       |               |
| Hudson River Trading LLC (3-Month U.S. LIBOR plus 350 bps),<br>6.006%, 4-3-25 (B)           | 1,121 | 1,095         |
| <br>  |       |               |
| <b>Insurance Brokers 0.4%</b>   |       |               |
| NFP Corp. (ICE LIBOR plus 300 bps),<br>5.522%, 1-8-24                                       | 996   | 940           |
| <br>  |       |               |
| <b>Investment Banking &amp; Brokerage 0.9%</b>  |       |               |
| Jane Street Group LLC (ICE LIBOR plus 375 bps),<br>5.527%, 8-25-22                          | 2,119 | 2,057         |
| <br>  |       |               |
| <b>Property &amp; Casualty Insurance 1.7%</b>   |       |               |
| Hub International Ltd. (ICE LIBOR plus 300 bps),<br>5.240%, 4-25-25                         | 652   | 614           |
| Mayfield Agency Borrower, Inc. (ICE LIBOR plus 450 bps),<br>6.522%, 2-28-25                 | 3,363 | 3,271         |
|   |       | 3,885         |
| <br>  |       |               |
| <b>Specialized Finance 0.5%</b>   |       |               |
| Mayfield Agency Borrower, Inc. (ICE LIBOR plus 850 bps),<br>11.022%, 2-28-26 (B)            | 1,153 | 1,130         |
|   |       | <b>10,725</b> |
| <b>Total Financials 4.7%</b>  |       |               |
| <b>Health Care</b>  |       |               |
| <b>Health Care Equipment 0.1%</b>   |       |               |
| LifeScan Global Corp. (ICE LIBOR plus 950 bps),<br>11.896%, 10-1-25 (B)                     | 266   | 245           |
| <br>  |       |               |
| <b>Health Care Facilities 2.7%</b>  |       |               |
| Gentiva Health Services, Inc. (ICE LIBOR plus 375 bps),<br>6.313%, 7-2-25 (B)               | 3,111 | 3,010         |
| Gentiva Health Services, Inc. (ICE LIBOR plus 700 bps),<br>9.563%, 7-2-26 (B)               | 798   | 794           |
| RegionalCare Hospital Partners Holdings, Inc. (ICE LIBOR plus 450 bps),<br>7.129%, 11-16-25 | 2,729 | 2,582         |

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|  |       |               |
|--|-------|---------------|
|  |       | 6,386         |
| <b>Health Care Services 0.8%</b>   |       |               |
| Heartland Dental LLC,<br>0.000%, 4-30-25 (N)   | 164   | 157           |
| Heartland Dental LLC (ICE LIBOR plus 375 bps),<br>6.272%, 4-30-25                    | 1,789 | 1,711         |
|  |       | 1,868         |
| <b>Health Care Technology 1.5%</b>   |       |               |
| Verscend Holding Corp. (ICE LIBOR plus 450 bps),<br>7.022%, 8-27-25                  | 3,740 | 3,609         |
| <b>Pharmaceuticals 0.2%</b>  |       |               |
| Concordia International Corp. (ICE LIBOR plus 550 bps),<br>7.887%, 9-6-24            | 488   | 464           |
| <b>Total Health Care 5.3%</b>  |       | <b>12,572</b> |
| <b>Industrials</b>   |       |               |
| <b>Building Products 0.4%</b>  |       |               |
| Hampton Rubber Co. & SEI Holding Corp. (ICE LIBOR plus 800 bps),<br>10.522%, 3-27-22 | 1,145 | 1,025         |
| <b>Construction &amp; Engineering 1.6%</b>   |       |               |
| McDermott Technology (Americas), Inc. (ICE LIBOR plus 500 bps),<br>7.522%, 5-10-25   | 3,521 | 3,277         |
| Tensar International Corp. (ICE LIBOR plus 850 bps),<br>11.303%, 7-10-22 (B)         | 603   | 555           |
|  |       | 3,832         |
| <b>Diversified Support Services 0.2%</b>   |       |               |
| USS Ultimate Holdings, Inc. (ICE LIBOR plus 775 bps),<br>10.272%, 8-25-25            | 472   | 450           |
| <b>Industrial Conglomerates 0.9%</b>   |       |               |
| PAE Holding Corp. (ICE LIBOR plus 550 bps),<br>8.119%, 10-20-22 (B)                  | 1,919 | 1,881         |
| PAE Holding Corp. (ICE LIBOR plus 950 bps),<br>12.119%, 10-20-23 (B)                 | 349   | 340           |
|  |       | 2,221         |
| <b>Industrial Machinery 2.2%</b>   |       |               |
| Dynacast International LLC (ICE LIBOR plus 850 bps):<br>0.000%, 1-30-23 (B)(N)       | 1,750 | 1,627         |
| 11.303%, 1-30-23 (B)   | 3,719 | 3,459         |
|  |       | 5,086         |
| <b>Total Industrials 5.3%</b>  |       | <b>12,614</b> |
| <b>Information Technology</b>  |       |               |
| <b>Application Software 0.3%</b>   |       |               |
|  | 788   | 766           |

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Applied Systems, Inc. (ICE LIBOR plus 700 bps),  
9.522%, 9-19-25

### **Communications Equipment 0.5%**

MLN U.S. Holdco LLC (ICE LIBOR plus 450 bps),  
7.022%, 11-30-25

804 778

MLN U.S. Holdco LLC (ICE LIBOR plus 875 bps),  
11.272%, 11-30-26

536 521

1,299

### **Data Processing & Outsourced Services 0.9%**

Colorado Buyer, Inc. (ICE LIBOR plus 300 bps),  
9.630%, 5-1-25

917 839

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|  |       |                   |
|--|-------|-------------------|
| Great Dane Merger Sub, Inc. (ICE LIBOR plus 375 bps),<br>6.272%, 5-21-25 (B)                           | 1,307 | 1,272             |
|  |       | 2,111             |
| <b>Total Information Technology 1.7%</b>   |       | <b>4,176</b>      |
| <b>Materials</b>   |       |                   |
| <b>Construction Materials 0.7%</b>   |       |                   |
| Hillman Group, Inc. (The) (ICE LIBOR plus 350 bps),<br>6.803%, 5-31-25                                 | 1,811 | 1,716             |
| <b>Total Materials 0.7%</b>  |       | <b>1,716</b>      |
| <b>TOTAL LOANS 31.6%</b>   |       | <b>\$ 74,478</b>  |
| (Cost: \$77,963)   |       |                   |
| <b>SHORT-TERM SECURITIES</b>   |       |                   |
| <b>Master Note 2.7%</b>  |       |                   |
| Toyota Motor Credit Corp. (1-Month U.S. LIBOR plus 15 bps),<br>2.720%, 1-7-19 (P)                      | 6,463 | 6,463             |
| <b>Money Market Funds 0.7%</b>   |       |                   |
| Dreyfus Institutional Preferred Government Money Market Fund - Institutional Shares,<br>2.400%, (Q)(R) | 1,686 | 1,686             |
| <b>TOTAL SHORT-TERM SECURITIES 3.4%</b>  |       | <b>\$ 8,149</b>   |
| (Cost: \$8,149)  |       |                   |
| <b>TOTAL INVESTMENT SECURITIES 145.6%</b>  |       | <b>\$ 342,539</b> |
| (Cost: \$372,533)  |       |                   |
| <b>BORROWINGS(S) (47.6%)</b>   |       | <b>(112,000)</b>  |
| <b>CASH AND OTHER ASSETS, NET OF<br/>LIABILITIES 2.0%</b>  |       | <b>4,660</b>      |
| <b>NET ASSETS 100.0%</b>   |       | <b>\$ 235,199</b> |

### Notes to Schedule of Investments

\* Not shown due to rounding.

(A) No dividends were paid during the preceding 12 months.

(B) Securities whose value was determined using significant unobservable inputs.

(C) Restricted securities. At December 31, 2018, the Fund owned the following restricted securities:

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| Security                             | Acquisition Date(s) | Shares | Cost            | Market Value    |
|--------------------------------------|---------------------|--------|-----------------|-----------------|
| BIS Industries Ltd.                  | 12-22-17            | 804    | \$ 76           | \$ 15           |
| J.G. Wentworth Co. (The)             | 1-25-18             | 249    | 2,193           | 2,489           |
| Larchmont Resources LLC              | 12-8-16             | 2      | 560             | 415             |
| Pinnacle Agriculture Enterprises LLC | 3-10-17             | 1,358  | 617             | 122             |
| Targa Resources Corp., 9.500%        | 10-24-17            | 3      | 3,292           | 3,160           |
|                                      |                     |        | <b>\$ 6,738</b> | <b>\$ 6,201</b> |

The total value of these securities represented 2.6% of net assets at December 31, 2018.

(D) Deemed to be an affiliate due to the Fund owning at least 5% of the voting securities.

(E) Listed on an exchange outside the United States.

(F) Securities were purchased pursuant to an exemption from registration available under Rule 144A under the Securities Act of 1933 and may only be resold in transactions exempt from registration, normally to qualified institutional buyers. At December 31, 2018 the total value of these securities amounted to \$204,289 or 86.9% of net assets.

(G) All or a portion of securities with an aggregate value of \$119,396 have been pledged as collateral on open borrowings.

(H) Principal amounts are denominated in the indicated foreign currency, where applicable (EUR - Euro).

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(I) All or a portion of securities with an aggregate value of \$2,757 are on loan.

(J) Step bond that pays an initial coupon rate for the first period and then a higher or lower coupon rate for the following periods. Interest rate disclosed is that which is in effect at December 31, 2018.

(K) Zero coupon bond.

(L) Payment-in-kind bond which may pay interest in additional par and/or in cash. Rates shown are the current rate and possible payment rates.

(M) Variable rate security. Interest rate disclosed is that which is in effect at December 31, 2018. Description of the reference rate and spread, if applicable, are included in the security description.

(N) All or a portion of this position has not settled. Full contract rates do not take effect until settlement date.

(O) Non-income producing as the issuer has either missed its most recent interest payment or declared bankruptcy.

(P) Variable rate security. Interest rate disclosed is that which is in effect at December 31, 2018. Date shown represents the date that the variable rate resets. Description of the reference rate and spread, if applicable, are included in the security description.

(Q) Investment made with cash collateral received from securities on loan.

(R) Rate shown is the annualized 7-day yield at December 31, 2018.

(S) Borrowings payable as a percentage of total investment securities is 32.7%.  
The following forward foreign currency contracts were outstanding at December 31, 2018:

|      | Currency to be<br>Delivered |             | Currency to be<br>Received | Settlement<br>Date | Counterparty                 | Unrealized<br>Appreciation | Unrealized<br>Depreciation |
|------|-----------------------------|-------------|----------------------------|--------------------|------------------------------|----------------------------|----------------------------|
| Euro | 292                         | U.S. Dollar | 341                        | 1-7-19             | Morgan Stanley International | \$ 6                       | \$                         |

The Fund's investments are reported at fair value. Fair value is defined as the price that the Fund would receive upon selling an asset or would pay upon satisfying a liability in an orderly transaction between market participants at the measurement date.

Accounting standards establish a framework for measuring fair value and a three-level hierarchy for fair value measurements based upon the transparency of inputs to the valuation of an asset or liability. Inputs may be observable or unobservable and refer broadly to the assumptions that market participants would use in pricing the asset or liability. Observable inputs reflect the assumptions market participants would use in pricing the asset or liability based on market data obtained from sources independent of the reporting entity. Unobservable inputs reflect the reporting entity's own assumptions about the factors that market participants would use in pricing the asset or liability developed based on the best information available in the circumstances.

Reoccurring fair value measurements of Level 3 securities shall include a reconciliation of the beginning to ending balances for reported fair market values. A fair value hierarchy and Level 3 reconciliation, if applicable, have been included in the Notes to Schedule of Investments for the Fund.

An individual investment's fair value measurement is assigned a level based upon the observability of the inputs which are significant to the overall valuation. The three-tier hierarchy of inputs is summarized as follows:

Level 1 Observable input such as quoted prices, available in active markets, for identical assets or liabilities.

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Level 2 Significant other observable inputs, which may include, but are not limited to, quoted prices for similar assets or liabilities in markets that are active, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the assets or liabilities (such as interest rates, yield curves, volatilities, prepayment speeds, loss severities, credit risks and default rates) or other market corroborated inputs.

Level 3 Significant unobservable inputs based on the best information available in the circumstances, to the extent observable inputs are not available, which may include assumptions made by the Board or persons acting at their direction that are used in determining the fair market value of investments.

The following table is a summary of the valuation of the Fund's investments by the fair value hierarchy levels as of December 31, 2018:

|                                    | Level 1  | Level 2    | Level 3   |
|------------------------------------|----------|------------|-----------|
| <b>Assets</b>                      |          |            |           |
| Investments in Securities          |          |            |           |
| Common Stocks                      |          |            |           |
| Communication Services             | \$ 105   | \$         | \$        |
| Consumer Discretionary             | 1,811    |            | 579       |
| Energy                             | 239      |            | 415       |
| Financials                         |          |            | 2,489     |
| Health Care                        | 176      |            |           |
| Industrials                        |          |            | 15        |
| Total Common Stocks                | \$ 2,331 | \$         | \$ 3,498  |
| Preferred Stocks                   |          | 3,160      | 122       |
| Corporate Debt Securities          |          | 250,801    | *         |
| Loans                              |          | 52,909     | 21,569    |
| Short-Term Securities              | 1,686    | 6,463      |           |
| Total                              | \$ 4,017 | \$ 313,333 | \$ 25,189 |
| Forward Foreign Currency Contracts | \$       | \$ 6       | \$        |

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The following table is a reconciliation of Level 3 investments for which significant unobservable inputs were used to determine fair value:

|  | <b>Common<br/>Stocks</b> | <b>Preferred<br/>Stocks</b> | <b>Loans</b> |
|--|--------------------------|-----------------------------|--------------|
| Beginning Balance 10-1-18  | \$ 4,384                 | \$ 758                      | \$ 19,981    |
| Net realized gain (loss)   |                          |                             | 3            |
| Net change in unrealized appreciation (depreciation)   | (1,342)                  | (636)                       | (36)         |
| Purchases  |                          |                             | 6,238        |
| Sales  |                          |                             | (1,967)      |
| Amortization/Accretion of premium/discount   |                          |                             | 10           |
| Transfers into Level 3 during the period   | 456                      |                             | 3,115        |
| Transfers out of Level 3 during the period   |                          |                             | (5,776)      |
| Ending Balance 12-31-18  | \$ 3,498                 | \$ 122                      | \$ 21,568    |
| Net change in unrealized appreciation (depreciation) for all Level 3 investments still held as of 12-31-18 | \$ 1,341                 | \$ (636)                    | \$ (678)     |

Transfers from Level 2 to Level 3 occurred primarily due to the lack of observable market data due to decreased market activity or information for these securities.  
Transfers from Level 3 to Level 2 occurred primarily due to the increased availability of observable market data due to increased market activity or information.  
As shown above, transfers in and out of Level 3 represent the values as of the beginning of the reporting period.

Information about Level 3 fair value measurements:

|                  | <b>Fair Value at</b> |                               |                              |                       |
|------------------|----------------------|-------------------------------|------------------------------|-----------------------|
|                  | <b>12-31-18</b>      | <b>Valuation Technique(s)</b> | <b>Unobservable Input(s)</b> | <b>Input Value(s)</b> |
| <b>Assets</b>    |                      |                               |                              |                       |
| Common Stocks    | \$ 594               | Market approach               | Adjusted EBITDA multiple     | 4.26x and 6.84x       |
|                  | 415                  | Third-party valuation service | Broker quotes                | N/A                   |
|                  | 2,489                | Transaction                   | Price                        | \$ 10 per share       |
| Preferred Stocks | 122                  | Market comparable approach    | Adjusted EBITDA multiple     | 9.27x                 |
|                  |                      |                               | Illiquidity discount         | 10%                   |
| Loans            | 21,568               | Third-party valuation service | Broker quotes                | N/A                   |

Significant increases (decreases) in the adjusted EBITDA multiple inputs as of the reporting date would result in a higher (lower) fair value measurement.  
However, significant increases (decreases) in the illiquidity discount input as of the reporting date would result in a lower (higher) fair value measurement.

The following acronyms are used throughout this schedule:

ADR = American Depositary Receipts

GTD = Guaranteed

ICE = Intercontinental Exchange

LIBOR = London Interbank Offered Rate

PIK = Payment in Kind

For Federal income tax purposes, cost of investments owned at December 31, 2018 and the related unrealized appreciation (depreciation) were as follows:

|                               |             |
|-------------------------------|-------------|
| Cost                          | \$ 372,533  |
| Gross unrealized appreciation | 2,710       |
| Gross unrealized depreciation | (32,704)    |
| Net unrealized depreciation   | \$ (29,994) |



ITEM 2. CONTROLS AND PROCEDURES.

- (a) The Registrant's Principal Executive Officer and Principal Financial Officer, or persons performing similar functions, based on their evaluation of the Registrant's disclosure controls and procedures as of a date within 90 days of the filing date of this report, have concluded that such controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended) are effective and adequately designed to ensure that information required to be disclosed by the Registrant in its reports that it files or submits is accumulated and communicated to the Registrant's management, including the Principal Executive Officer and Principal Financial Officer, or persons performing similar functions, as appropriate, to allow timely decisions regarding required disclosure.
- (b) There were no significant changes in the registrant's internal controls over financial reporting (as defined in Rule 30a-3(d) under the Investment Company Act of 1940, as amended) that occurred during the registrant's last fiscal quarter that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.

ITEM 3. EXHIBITS.

A separate certification for each principal executive officer and principal financial officer of the registrant as required by Rule 30a-2(a) under the Investment Company Act of 1940 (17 CFR 270.30a-2(a)).

Attached hereto as Exhibit 99.CERT.

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.

Ivy High Income Opportunities Fund  
(Registrant)

By /s/ Jennifer K. Dulski  
Jennifer K. Dulski, Secretary  
Date: February 27, 2019

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/ Philip J. Sanders  
Philip J. Sanders, Principal Executive Officer  
Date: February 27, 2019

By /s/ Joseph W. Kauten  
Joseph W. Kauten, Principal Financial Officer  
Date: February 27, 2019