

Eaton Vance Tax-Managed Buy-Write Income Fund  
Form N-Q  
November 25, 2015

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

**Washington, D.C. 20549**

**Form N-Q**

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

**811-21676**

**Investment Company Act File Number**

**Eaton Vance Tax-Managed Buy-Write Income Fund**

(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, Including Area Code)

December 31

Date of Fiscal Year End

September 30, 2015

Date of Reporting Period

**Item 1. Schedule of Investments**

**Eaton Vance****Tax-Managed Buy-Write Income Fund****September 30, 2015****PORTFOLIO OF INVESTMENTS (Unaudited)****Common Stocks 99.9%**

| <b>Security</b>                          | <b>Shares</b> | <b>Value</b>         |
|--|---------------|----------------------|
| <b>Aerospace &amp; Defense 3.9%</b>      |               |                      |
| Boeing Co. (The)                         | 24,383        | \$ 3,192,954         |
| Honeywell International, Inc.            | 43,114        | 4,082,464            |
| Northrop Grumman Corp.                   | 21,600        | 3,584,520            |
| Textron, Inc.                            | 11,648        | 438,431              |
| United Technologies Corp.                | 33,819        | 3,009,553            |
|  |               | <b>\$ 14,307,922</b> |
| <b>Air Freight &amp; Logistics 0.4%</b>  |               |                      |
| C.H. Robinson Worldwide, Inc.            | 7,252         | \$ 491,541           |
| United Parcel Service, Inc., Class B     | 10,003        | 987,196              |
|  |               | <b>\$ 1,478,737</b>  |
| <b>Airlines 0.4%</b>                     |               |                      |
| American Airlines Group, Inc.            | 6,461         | \$ 250,880           |
| Southwest Airlines Co.                   | 36,616        | 1,392,873            |
|  |               | <b>\$ 1,643,753</b>  |
| <b>Auto Components 0.8%</b>              |               |                      |
| Dana Holding Corp.                       | 31,658        | \$ 502,729           |
| Goodyear Tire & Rubber Co. (The)         | 3,713         | 108,902              |
| Johnson Controls, Inc.                   | 36,367        | 1,504,139            |
| Lear Corp.                               | 7,250         | 788,655              |
|  |               | <b>\$ 2,904,425</b>  |
| <b>Automobiles 0.2%</b>                  |               |                      |
| Ford Motor Co.                           | 56,137        | \$ 761,779           |
|  |               | <b>\$ 761,779</b>    |
| <b>Banks 7.0%</b>                        |               |                      |
| Bank of America Corp.                    | 131,359       | \$ 2,046,573         |
| BankUnited, Inc.                         | 10,483        | 374,767              |
| Citigroup, Inc.                          | 104,586       | 5,188,512            |
| Fifth Third Bancorp                      | 57,446        | 1,086,304            |
| JPMorgan Chase & Co.                     | 97,731        | 5,958,659            |
| KeyCorp                                  | 85,122        | 1,107,437            |
| M&T Bank Corp.                           | 5,096         | 621,457              |
| PNC Financial Services Group, Inc. (The) | 18,419        | 1,642,975            |

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|                      |         |                      |
|----------------------|---------|----------------------|
| SunTrust Banks, Inc. | 5,538   | 211,773              |
| Wells Fargo & Co.    | 149,399 | 7,671,639            |
|                      |         | <b>\$ 25,910,096</b> |

**Beverages 2.7%**

|                     |         |                      |
|---------------------|---------|----------------------|
| Coca-Cola Co. (The) | 138,646 | \$ 5,562,477         |
| PepsiCo, Inc.       | 47,142  | 4,445,491            |
|                     |         | <b>\$ 10,007,968</b> |

**Biotechnology 4.0%**

|               |        |              |
|---------------|--------|--------------|
| AbbVie, Inc.  | 29,670 | \$ 1,614,345 |
| Amgen, Inc.   | 18,988 | 2,626,420    |
| Baxalta, Inc. | 37,878 | 1,193,536    |

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| Security   | Shares  | Value                |
|--|---------|----------------------|
| Celgene Corp. <sup>(1)</sup>                     | 40,861  | \$ 4,419,934         |
| Gilead Sciences, Inc.                            | 44,082  | 4,328,411            |
| Regeneron Pharmaceuticals, Inc. <sup>(1)</sup>   | 205     | 95,354               |
| Vertex Pharmaceuticals, Inc. <sup>(1)</sup>      | 3,386   | 352,618              |
|  |         | <b>\$ 14,630,618</b> |
| <b>Capital Markets 1.2%</b>                      |         |                      |
| Invesco, Ltd.                                    | 38,480  | \$ 1,201,730         |
| Lazard, Ltd., Class A                            | 21,525  | 932,032              |
| Legg Mason, Inc.                                 | 7,629   | 317,443              |
| State Street Corp.                               | 27,413  | 1,842,428            |
|  |         | <b>\$ 4,293,633</b>  |
| <b>Chemicals 1.9%</b>                            |         |                      |
| CF Industries Holdings, Inc.                     | 17,295  | \$ 776,545           |
| Dow Chemical Co. (The)                           | 45,132  | 1,913,597            |
| E.I. du Pont de Nemours & Co.                    | 46,387  | 2,235,853            |
| Eastman Chemical Co.                             | 3,608   | 233,510              |
| Sherwin-Williams Co. (The)                       | 9,183   | 2,045,789            |
|  |         | <b>\$ 7,205,294</b>  |
| <b>Commercial Services &amp; Supplies 0.1%</b>   |         |                      |
| Waste Management, Inc.                           | 4,649   | \$ 231,567           |
|  |         | <b>\$ 231,567</b>    |
| <b>Communications Equipment 2.1%</b>             |         |                      |
| Brocade Communications Systems, Inc.             | 42,403  | \$ 440,143           |
| Cisco Systems, Inc.                              | 134,376 | 3,527,370            |
| QUALCOMM, Inc.                                   | 67,609  | 3,632,632            |
|  |         | <b>\$ 7,600,145</b>  |
| <b>Consumer Finance 1.1%</b>                     |         |                      |
| American Express Co.                             | 27,933  | \$ 2,070,673         |
| Discover Financial Services                      | 40,754  | 2,118,801            |
|  |         | <b>\$ 4,189,474</b>  |
| <b>Containers &amp; Packaging 0.5%</b>           |         |                      |
| Avery Dennison Corp.                             | 15,307  | \$ 865,917           |
| WestRock Co.                                     | 16,727  | 860,437              |
|  |         | <b>\$ 1,726,354</b>  |
| <b>Distributors 0.6%</b>                         |         |                      |
| Genuine Parts Co.                                | 27,494  | \$ 2,278,978         |
|  |         | <b>\$ 2,278,978</b>  |
| <b>Diversified Financial Services 1.7%</b>       |         |                      |
| Berkshire Hathaway, Inc., Class B <sup>(1)</sup> | 26,717  | \$ 3,483,897         |

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|                             |        |                     |
|-----------------------------|--------|---------------------|
| McGraw Hill Financial, Inc. | 34,144 | 2,953,456           |
|                             |        | <b>\$ 6,437,353</b> |

**Diversified Telecommunication Services 2.1%**

|                               |         |                     |
|-------------------------------|---------|---------------------|
| AT&T, Inc.                    | 132,177 | \$ 4,306,326        |
| CenturyLink, Inc.             | 12,000  | 301,440             |
| Frontier Communications Corp. | 170,861 | 811,590             |
| Verizon Communications, Inc.  | 52,772  | 2,296,110           |
|                               |         | <b>\$ 7,715,466</b> |

**Electric Utilities 1.1%**

|                      |        |              |
|----------------------|--------|--------------|
| Duke Energy Corp.    | 23,843 | \$ 1,715,265 |
| Edison International | 21,133 | 1,332,858    |
| Pepco Holdings, Inc. | 8,189  | 198,338      |

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| Security   | Shares | Value               |
|--|--------|---------------------|
| Pinnacle West Capital Corp.                      | 7,168  | \$ 459,755          |
| Xcel Energy, Inc.                                | 12,009 | 425,239             |
|  |        | <b>\$ 4,131,455</b> |
| <b>Electrical Equipment 0.5%</b>                 |        |                     |
| Emerson Electric Co.                             | 44,837 | \$ 1,980,450        |
|  |        | <b>\$ 1,980,450</b> |
| <b>Energy Equipment &amp; Services 1.4%</b>      |        |                     |
| Halliburton Co.                                  | 53,378 | \$ 1,886,912        |
| Schlumberger, Ltd.                               | 47,378 | 3,267,661           |
|  |        | <b>\$ 5,154,573</b> |
| <b>Food &amp; Staples Retailing 2.2%</b>         |        |                     |
| CVS Health Corp.                                 | 54,186 | \$ 5,227,865        |
| Wal-Mart Stores, Inc.                            | 33,228 | 2,154,504           |
| Walgreens Boots Alliance, Inc.                   | 9,883  | 821,277             |
|  |        | <b>\$ 8,203,646</b> |
| <b>Food Products 1.5%</b>                        |        |                     |
| Kellogg Co.                                      | 14,423 | \$ 959,851          |
| Keurig Green Mountain, Inc.                      | 15,366 | 801,183             |
| Kraft Heinz Co. (The)                            | 8,326  | 587,649             |
| Mondelez International, Inc., Class A            | 46,954 | 1,965,964           |
| Tyson Foods, Inc., Class A                       | 28,696 | 1,236,797           |
|  |        | <b>\$ 5,551,444</b> |
| <b>Health Care Equipment &amp; Supplies 1.9%</b> |        |                     |
| Abbott Laboratories                              | 73,588 | \$ 2,959,709        |
| Baxter International, Inc.                       | 37,878 | 1,244,292           |
| Halyard Health, Inc. <sup>(1)</sup>              | 2,481  | 70,560              |
| Stryker Corp.                                    | 26,801 | 2,521,974           |
| Zimmer Biomet Holdings, Inc.                     | 3,848  | 361,443             |
|  |        | <b>\$ 7,157,978</b> |
| <b>Health Care Providers &amp; Services 1.7%</b> |        |                     |
| DaVita HealthCare Partners, Inc. <sup>(1)</sup>  | 2,916  | \$ 210,914          |
| UnitedHealth Group, Inc.                         | 46,878 | 5,438,317           |
| VCA, Inc. <sup>(1)</sup>                         | 11,050 | 581,783             |
|  |        | <b>\$ 6,231,014</b> |
| <b>Hotels, Restaurants &amp; Leisure 1.3%</b>    |        |                     |
| Marriott International, Inc., Class A            | 14,651 | \$ 999,198          |
| Marriott Vacations Worldwide Corp.               | 2,064  | 140,641             |
| McDonald's Corp.                                 | 27,950 | 2,753,913           |
| Starbucks Corp.                                  | 5,088  | 289,202             |
| Wyndham Worldwide Corp.                          | 11,235 | 807,797             |

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|                                |        |                     |
|--------------------------------|--------|---------------------|
|                                |        | <b>\$ 4,990,751</b> |
| <b>Household Durables 1.2%</b> |        |                     |
| Leggett & Platt, Inc.          | 11,383 | \$ 469,549          |
| Lennar Corp., Class A          | 18,642 | 897,239             |
| Newell Rubbermaid, Inc.        | 76,798 | 3,049,649           |
|                                |        | <b>\$ 4,416,437</b> |
| <b>Household Products 1.6%</b> |        |                     |
| Clorox Co. (The)               | 6,843  | \$ 790,572          |
| Kimberly-Clark Corp.           | 19,850 | 2,164,444           |
| Procter & Gamble Co. (The)     | 41,964 | 3,018,890           |
|                                |        | <b>\$ 5,973,906</b> |



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| Security                                       | Shares  | Value                |
|--|---------|----------------------|
| <b>Industrial Conglomerates 1.8%</b>           |         |                      |
| 3M Co.   | 21,663  | \$ 3,071,164         |
| General Electric Co.                           | 147,129 | 3,710,593            |
|  |         | <b>\$ 6,781,757</b>  |
| <b>Insurance 4.1%</b>                          |         |                      |
| ACE, Ltd.                                      | 12,980  | \$ 1,342,132         |
| Allstate Corp. (The)                           | 47,607  | 2,772,632            |
| AmTrust Financial Services, Inc.               | 3,045   | 191,774              |
| Cincinnati Financial Corp.                     | 18,908  | 1,017,250            |
| Lincoln National Corp.                         | 47,210  | 2,240,587            |
| Marsh & McLennan Cos., Inc.                    | 50,188  | 2,620,817            |
| MetLife, Inc.                                  | 14,938  | 704,327              |
| Principal Financial Group, Inc.                | 29,001  | 1,372,907            |
| Prudential Financial, Inc.                     | 21,629  | 1,648,346            |
| Travelers Cos., Inc. (The)                     | 13,969  | 1,390,335            |
|  |         | <b>\$ 15,301,107</b> |
| <b>Internet &amp; Catalog Retail 1.7%</b>      |         |                      |
| Amazon.com, Inc. <sup>(1)</sup>                | 5,031   | \$ 2,575,319         |
| Netflix, Inc. <sup>(1)</sup>                   | 5,495   | 567,414              |
| Priceline Group, Inc. (The) <sup>(1)</sup>     | 1,797   | 2,222,637            |
| Shutterfly, Inc. <sup>(1)</sup>                | 28,875  | 1,032,281            |
|  |         | <b>\$ 6,397,651</b>  |
| <b>Internet Software &amp; Services 4.6%</b>   |         |                      |
| Facebook, Inc., Class A <sup>(1)</sup>         | 37,484  | \$ 3,369,812         |
| Google, Inc., Class A <sup>(1)</sup>           | 8,610   | 5,496,366            |
| Google, Inc., Class C <sup>(1)</sup>           | 8,633   | 5,252,490            |
| VeriSign, Inc. <sup>(1)</sup>                  | 41,883  | 2,955,264            |
|  |         | <b>\$ 17,073,932</b> |
| <b>IT Services 3.2%</b>                        |         |                      |
| Fidelity National Information Services, Inc.   | 26,132  | \$ 1,752,935         |
| International Business Machines Corp.          | 31,001  | 4,494,215            |
| MasterCard, Inc., Class A                      | 51,803  | 4,668,486            |
| Visa, Inc., Class A                            | 9,876   | 687,962              |
| Xerox Corp.                                    | 7,778   | 75,680               |
|  |         | <b>\$ 11,679,278</b> |
| <b>Leisure Products 0.0%</b>                   |         |                      |
| Mattel, Inc.                                   | 5,179   | \$ 109,070           |
|  |         | <b>\$ 109,070</b>    |
| <b>Life Sciences Tools &amp; Services 0.9%</b> |         |                      |
| Thermo Fisher Scientific, Inc.                 | 27,884  | \$ 3,409,655         |
|  |         | <b>\$ 3,409,655</b>  |

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**Machinery 0.9%**

|                              |        |    |                  |
|------------------------------|--------|----|------------------|
| Caterpillar, Inc.            | 22,774 | \$ | 1,488,509        |
| Snap-on, Inc.                | 6,380  |    | 962,997          |
| Stanley Black & Decker, Inc. | 8,690  |    | 842,756          |
|                              |        | \$ | <b>3,294,262</b> |

**Media 4.7%**

|                        |        |    |                   |
|------------------------|--------|----|-------------------|
| CBS Corp., Class B     | 31,276 | \$ | 1,247,912         |
| Comcast Corp., Class A | 97,683 |    | 5,556,209         |
| Omnicom Group, Inc.    | 35,123 |    | 2,314,606         |
| Time Warner, Inc.      | 28,358 |    | 1,949,612         |
| Walt Disney Co. (The)  | 62,258 |    | 6,362,768         |
|                        |        | \$ | <b>17,431,107</b> |

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| Security                                    | Shares  | Value                |
|---|---------|----------------------|
| <b>Metals &amp; Mining 0.3%</b>             |         |                      |
| Nucor Corp.                                 | 31,251  | \$ 1,173,475         |
|   |         | <b>\$ 1,173,475</b>  |
| <b>Multi-Utilities 1.7%</b>                 |         |                      |
| Centerpoint Energy, Inc.                    | 14,223  | \$ 256,583           |
| CMS Energy Corp.                            | 77,060  | 2,721,759            |
| Dominion Resources, Inc.                    | 1,997   | 140,549              |
| DTE Energy Co.                              | 10,342  | 831,187              |
| NiSource, Inc.                              | 49,999  | 927,481              |
| Public Service Enterprise Group, Inc.       | 37,896  | 1,597,695            |
|   |         | <b>\$ 6,475,254</b>  |
| <b>Multiline Retail 1.0%</b>                |         |                      |
| Macy's, Inc.                                | 48,228  | \$ 2,475,061         |
| Nordstrom, Inc.                             | 12,248  | 878,304              |
| Target Corp.                                | 3,374   | 265,399              |
|   |         | <b>\$ 3,618,764</b>  |
| <b>Oil, Gas &amp; Consumable Fuels 6.1%</b> |         |                      |
| Chesapeake Energy Corp.                     | 113,799 | \$ 834,147           |
| Chevron Corp.                               | 62,708  | 4,946,407            |
| Columbia Pipeline Group, Inc.               | 49,999  | 914,482              |
| ConocoPhillips                              | 22,653  | 1,086,438            |
| EOG Resources, Inc.                         | 33,718  | 2,454,670            |
| Exxon Mobil Corp.                           | 72,231  | 5,370,375            |
| Kinder Morgan, Inc.                         | 12,255  | 339,218              |
| Occidental Petroleum Corp.                  | 1,064   | 70,384               |
| Phillips 66                                 | 24,334  | 1,869,824            |
| Range Resources Corp.                       | 20,840  | 669,381              |
| Tesoro Corp.                                | 19,643  | 1,910,085            |
| Williams Cos., Inc. (The)                   | 57,536  | 2,120,202            |
|   |         | <b>\$ 22,585,613</b> |
| <b>Personal Products 0.1%</b>               |         |                      |
| Estee Lauder Cos., Inc. (The), Class A      | 3,326   | \$ 268,342           |
|   |         | <b>\$ 268,342</b>    |
| <b>Pharmaceuticals 5.5%</b>                 |         |                      |
| Allergan PLC <sup>(1)</sup>                 | 1,940   | \$ 527,312           |
| Bristol-Myers Squibb Co.                    | 80,700  | 4,777,440            |
| Eli Lilly & Co.                             | 2,509   | 209,978              |
| Johnson & Johnson                           | 51,433  | 4,801,271            |
| Merck & Co., Inc.                           | 106,916 | 5,280,581            |
| Pfizer, Inc.                                | 150,447 | 4,725,540            |
|   |         | <b>\$ 20,322,122</b> |
| <b>Professional Services 0.3%</b>           |         |                      |
| ManpowerGroup, Inc.                         | 1,193   | \$ 97,695            |
| Robert Half International, Inc.             | 18,170  | 929,577              |

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\$ 1,027,272

**Real Estate Investment Trusts (REITs) 2.4%**

|  |        |    |           |
|--|--------|----|-----------|
| Apartment Investment & Management Co., Class A | 12,428 | \$ | 460,085   |
| AvalonBay Communities, Inc.                    | 11,002 |    | 1,923,370 |
| Crown Castle International Corp.               | 1,897  |    | 149,616   |
| Equity Residential                             | 14,774 |    | 1,109,823 |
| Host Hotels & Resorts, Inc.                    | 58,590 |    | 926,308   |
| Iron Mountain, Inc.                            | 6,152  |    | 190,835   |
| Kimco Realty Corp.                             | 78,276 |    | 1,912,283 |

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| Security   | Shares  | Value                |
|--|---------|----------------------|
| ProLogis, Inc.   | 22,296  | \$ 867,314           |
| Realty Income Corp.  | 4,920   | 233,159              |
| Ventas, Inc.   | 17,990  | 1,008,519            |
| Welltower, Inc.  | 1,146   | 77,607               |
|  |         | <b>\$ 8,858,919</b>  |
| <b>Real Estate Management &amp; Development 0.1%</b>       |         |                      |
| CBRE Group, Inc., Class A <sup>(1)</sup>                   | 8,158   | \$ 261,056           |
|  |         | <b>\$ 261,056</b>    |
| <b>Road &amp; Rail 0.9%</b>                                |         |                      |
| J.B. Hunt Transport Services, Inc.                         | 3,521   | \$ 251,399           |
| Kansas City Southern                                       | 11,539  | 1,048,664            |
| Norfolk Southern Corp.                                     | 27,357  | 2,090,075            |
|  |         | <b>\$ 3,390,138</b>  |
| <b>Semiconductors &amp; Semiconductor Equipment 1.9%</b>   |         |                      |
| Altera Corp.   | 3,936   | \$ 197,115           |
| Analog Devices, Inc.                                       | 16,160  | 911,585              |
| Applied Materials, Inc.                                    | 15,313  | 224,948              |
| Avago Technologies, Ltd.                                   | 10,000  | 1,250,100            |
| Broadcom Corp., Class A                                    | 3,705   | 190,548              |
| Cree, Inc. <sup>(1)</sup>                                  | 21,482  | 520,509              |
| Cypress Semiconductor Corp. <sup>(1)</sup>                 | 60,131  | 512,316              |
| Intel Corp.  | 56,723  | 1,709,631            |
| KLA-Tencor Corp.   | 3,859   | 192,950              |
| NVIDIA Corp.   | 24,772  | 610,630              |
| Teradyne, Inc.   | 32,470  | 584,785              |
|  |         | <b>\$ 6,905,117</b>  |
| <b>Software 3.5%</b>                                       |         |                      |
| Electronic Arts, Inc. <sup>(1)</sup>                       | 2,703   | \$ 183,128           |
| Microsoft Corp.  | 196,258 | 8,686,379            |
| Oracle Corp.   | 103,117 | 3,724,586            |
| salesforce.com, inc. <sup>(1)</sup>                        | 4,316   | 299,660              |
|  |         | <b>\$ 12,893,753</b> |
| <b>Specialty Retail 2.4%</b>                               |         |                      |
| Advance Auto Parts, Inc.                                   | 3,365   | \$ 637,769           |
| AutoNation, Inc. <sup>(1)</sup>                            | 3,083   | 179,369              |
| Home Depot, Inc. (The)                                     | 55,067  | 6,359,688            |
| L Brands, Inc.   | 1,800   | 162,234              |
| Lowe's Companies, Inc.                                     | 6,671   | 459,765              |
| Tiffany & Co.  | 14,641  | 1,130,578            |
|  |         | <b>\$ 8,929,403</b>  |
| <b>Technology Hardware, Storage &amp; Peripherals 4.5%</b> |         |                      |
| Apple, Inc.  | 151,109 | \$ 16,667,323        |
|  |         | <b>\$ 16,667,323</b> |

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**Textiles, Apparel & Luxury Goods 0.7%**

|  |        |    |                  |
|--|--------|----|------------------|
| Coach, Inc.                                | 9,456  | \$ | 273,562          |
| NIKE, Inc., Class B                        | 15,997 |    | 1,967,151        |
| Under Armour, Inc., Class A <sup>(1)</sup> | 3,075  |    | 297,599          |
|  |        | \$ | <b>2,538,312</b> |

**Tobacco 1.4%**

|                                   |        |    |                  |
|-----------------------------------|--------|----|------------------|
| Altria Group, Inc.                | 3,415  | \$ | 185,776          |
| Philip Morris International, Inc. | 63,379 |    | 5,027,856        |
| Reynolds American, Inc.           | 3,120  |    | 138,122          |
|                                   |        | \$ | <b>5,351,754</b> |

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| Security                                    |             | Shares | Value             |
|---|-------------|--------|-------------------|
| <b>Trading Companies &amp; Distributors</b> | <b>0.1%</b> |        |                   |
| Fastenal Co.                                |             | 10,080 | \$ 369,029        |
|   |             |        | <b>\$ 369,029</b> |

**Total Common Stocks** 99.9%  
(identified cost \$176,315,677) **\$ 370,228,681**

**Call Options Written** (0.2)%

| Description   | Number of Contracts | Strike Price | Expiration Date | Value       |
|---------------|---------------------|--------------|-----------------|-------------|
| S&P 500 Index | 480                 | \$ 1,970     | 10/2/15         | \$ (33,600) |
| S&P 500 Index | 425                 | 1,990        | 10/9/15         | (123,250)   |
| S&P 500 Index | 500                 | 2,000        | 10/16/15        | (200,000)   |
| S&P 500 Index | 395                 | 1,980        | 10/23/15        | (472,025)   |

**Total Call Options Written**  
(premiums received \$4,364,689) **\$ (828,875)**

**Other Assets, Less Liabilities** 0.3% **\$ 1,177,578**

**Net Assets** 100.0% **\$ 370,577,384**

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

(1) Non-income producing security.

(2) Amount is less than 0.05%.

The cost and unrealized appreciation (depreciation) of investments of the Fund at September 30, 2015, as determined on a federal income tax basis, were as follows:

|                                    |                       |
|------------------------------------|-----------------------|
| <b>Aggregate cost</b>              | <b>\$ 176,208,842</b> |
| Gross unrealized appreciation      | \$ 194,205,239        |
| Gross unrealized depreciation      | (185,400)             |
| <b>Net unrealized appreciation</b> | <b>\$ 194,019,839</b> |

Written options activity for the fiscal year to date ended September 30, 2015 was as follows:

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|   | Number of<br>Contracts | Premiums<br>Received |
|---|------------------------|----------------------|
| Outstanding, beginning of period                    | 1,835                  | \$ 2,677,434         |
| Options written                                     | 17,775                 | 25,599,366           |
| Options terminated in closing purchase transactions | (5,980)                | (8,454,474)          |
| Options expired                                     | (11,830)               | (15,457,637)         |
| <b>Outstanding, end of period</b>                   | <b>1,800</b>           | <b>\$ 4,364,689</b>  |

All of the assets of the Fund are subject to segregation to satisfy the requirements of the escrow agent. At September 30, 2015, the Fund had sufficient cash and/or securities to cover commitments under these contracts.

The Fund is subject to equity price risk in the normal course of pursuing its investment objectives. The Fund writes index call options above the current value of the index to generate premium income. In writing index call options, the Fund in effect, sells potential appreciation in the value of the applicable index above the exercise price in exchange for the option premium received. The Fund retains the risk of loss, minus the premium received, should the price of the underlying index decline.

At September 30, 2015, the aggregate fair value of open derivative instruments (not considered to be hedging instruments for accounting disclosure purposes) in a liability position and whose primary underlying risk exposure is equity price risk was \$828,875.



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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 September 30, 2015, the hierarchy of inputs used in valuing the Fund's investments and open derivative instruments, which are carried at value, were as follows:

| Asset Description        | Level 1               | Level 2   | Level 3   | Total                 |
|--------------------------|-----------------------|-----------|-----------|-----------------------|
| Common Stocks            | \$ 370,228,681*       | \$        | \$        | \$ 370,228,681        |
| <b>Total Investments</b> | <b>\$ 370,228,681</b> | <b>\$</b> | <b>\$</b> | <b>\$ 370,228,681</b> |
| <br>                     |                       |           |           |                       |
| Liability Description    |                       |           |           |                       |
| Call Options Written     | \$ (828,875)          | \$        | \$        | \$ (828,875)          |
| <b>Total</b>             | <b>\$ (828,875)</b>   | <b>\$</b> | <b>\$</b> | <b>\$ (828,875)</b>   |

\* The level classification by major category of investments is the same as the category presentation in the Portfolio of Investments. The Fund held no investments or other financial instruments as of December 31, 2014 whose fair value was determined using Level 3 inputs. At September 30, 2015, there were no investments transferred between Level 1 and Level 2 during the fiscal year to date then ended.

For information on the Fund's policy regarding the valuation of investments and other significant accounting policies, please refer to the Fund's most recent financial statements included in its semiannual or annual report to shareholders.

**Item 2. 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 on this Form N-Q 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 on this Form N-Q 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 fiscal quarter for which the report is being filed that have materially affected, or are reasonably likely to materially affect the registrant's internal control over financial reporting.

**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 Tax-Managed Buy-Write Income Fund

By: /s/ Michael A. Allison  
Michael A. Allison  
President

Date: November 23, 2015

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/ Michael A. Allison  
Michael A. Allison  
President

Date: November 23, 2015

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

Date: November 23, 2015