

# Dreyfus Natural Resources Fund



**SEMIANNUAL REPORT**  
March 31, 2018

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## A LETTER FROM THE PRESIDENT OF DREYFUS

Dear Shareholder:

We are pleased to present this semiannual report for Dreyfus Natural Resources Fund, covering the six-month period from October 1, 2017 through March 31, 2018. For information about how the fund performed during the reporting period, as well as general market perspectives, we provide a Discussion of Fund Performance on the pages that follow.

Heightened volatility has returned to the financial markets. After a period of unusually mild price swings in 2017, inflation concerns, geopolitical tensions and trade disputes caused volatility to increase substantially over the opening months of 2018. As a result, U.S. stocks and bonds generally lost a degree of value over the first quarter of the year.

Stocks set a series of new record highs through January 2018 before market volatility took its toll, enabling stocks across all capitalization ranges to produce solidly positive returns for the reporting period overall. Stocks gained value amid growing corporate earnings, improving global economic conditions and the enactment of tax reform legislation and other government policy reforms. In contrast, most sectors of the U.S. bond market lost a degree of value when short-term interest rates and inflation expectations increased.

In our judgment, underlying market fundamentals remain strong, characterized by sustained economic growth, a robust labor market and strong consumer and business confidence. We expect these favorable conditions to persist, but we remain aware of economic and political developments that could negatively affect the markets. As always, we encourage you to discuss the risks and opportunities of today's investment environment with your financial advisor.

Thank you for your continued confidence and support.

Sincerely,



Renee Laroche-Morris  
President  
The Dreyfus Corporation  
April 16, 2018

## DISCUSSION OF FUND PERFORMANCE (Unaudited)

*For the period from October 1, 2017 through March 31, 2018, as provided by Robin Webbé and Elizabeth Slover, Portfolio Managers*

### **Market and Fund Performance Overview**

For the six-month period ended March 31, 2018, Dreyfus Natural Resources Fund's Class A shares produced a total return of 4.44%, Class C shares returned 4.08%, Class I shares returned 4.59%, and Class Y shares returned 4.65%.<sup>1</sup> In comparison, the fund's benchmark, the S&P 500® Index (the "Index"), produced a total return of 5.84% for the same period.<sup>2</sup> The S&P Global Natural Resources Index, which more closely reflects the fund's composition, returned 6.80% for the reporting period.<sup>3</sup>

Stocks generally posted positive returns over the reporting period amid an expanding global economy and rising corporate earnings, but natural resources stocks lagged broader market averages due to concerns about potential U.S. trade restrictions. The fund trailed the Index and the S&P Global Natural Resources Index.

### **The Fund's Investment Approach**

The fund seeks long-term capital appreciation. To pursue its goal, the fund normally invests at least 80% of its assets in stocks of companies in natural resources and natural resource-related sectors. Generally, these are companies principally engaged in owning or developing natural resources, or supplying goods, technology, and services relating to natural resources.

The fund invests in growth and value stocks and typically will maintain exposure to the major natural resources sectors. Using fundamental research and direct management contact, the portfolio managers seek stocks of companies with strong positions in their natural resources sector, sustained achievement records, and strong financial condition. There are no prescribed limits on the weightings of securities in any particular natural resources sector or in any individual company, and the fund may invest in companies of any market capitalization. The fund may invest in foreign securities, including emerging markets securities, without limitation.

### **Rising Corporate Earnings Drove Markets Higher**

Continuing a trend established earlier in 2017, stocks during the reporting period continued to benefit from better-than-expected corporate earnings, strengthening U.S. labor markets, and encouraging global economic developments. In addition, investors responded positively to tax reform legislation in December 2017. Consequently, the Index hit a series of new highs through January 2018. However, inflation fears sparked heightened market volatility in February, and concerns about possible trade restrictions roiled the financial markets in March. The resulting market weakness offset a portion of the reporting period's previous gains.

Worries about proposed changes to U.S. trade policy weighed particularly heavily on metals-and-mining companies and agricultural producers, causing natural resources stocks to lag broader market averages. Otherwise, fundamentals remained solid for many commodity producers in the growing global economy. For example, steel prices benefited from rising demand for global infrastructure construction, and oil prices responded positively to expected supply limitations.

### **Security Selections Bolstered Fund Performance**

The fund's performance over the reporting period was supported by our security selection strategy across several industry groups. The fund fared especially well among global, integrated energy companies such as *Petróleo Brasileiro*, which is based in Brazil, *Galp Energia* in Portugal, and *Total* in France, all of which rallied from previous weakness along with oil prices. The fund also benefited from a lack of exposure to *ExxonMobil*, which lagged sector averages due in part to elevated capital spending. The fund's holdings of oil refiners also fared well, led by *Valero Energy* in the United States

## DISCUSSION OF FUND PERFORMANCE (Unaudited) (continued)

and Showa Shell Sekiyu in Japan. In the metals-and-mining industry, Brazilian steel raw materials miner Vale benefited from higher steel prices and easing competitive pressures from Chinese rivals. U.S. aluminum producer Alcoa was aided by the strengthening global economy and U.S. sanctions on Russian businesses, and Freeport-McMoRan encountered robust demand for the copper used in electronic vehicles.

Laggards during the reporting period included U.S. chemical producer *DowDuPont* and Turkish oil refiner *Tüpraş Türkiye Petrol Rafinerileri*, whose advances paused in the wake of previous gains. Australian lithium miner Orocobre gave back earlier gains due to competitive pressures and weaker-than-expected production volumes. Danish wind energy specialist Vestas Wind Systems was hurt by pricing pressures despite wider adoption of its renewable energy solutions. Several oil services companies, including Schlumberger and Select Energy Services, reported disappointing quarterly results.

### Finding Opportunities Amid Volatility

We have continued to identify what we believe are attractive investment opportunities in an environment of positive economic growth and rising commodity prices. In our judgment, recent trade-related worries may be overblown, and supply-and-demand dynamics appear to be positive for most natural resources producers. Moreover, current market volatility may present opportunities to purchase the stocks of fundamentally strong companies at more attractive prices. As of the reporting period's end, we have identified an ample number of companies meeting our investment criteria among integrated energy companies, oil refiners, and aluminum producers. In contrast, we have found relatively few opportunities in the energy services, agricultural, and steelmaking industries.

April 16, 2018

- <sup>1</sup> Total return includes reinvestment of dividends and any capital gains paid, and does not take into consideration the maximum initial sales charge in the case of Class A shares, or the applicable contingent deferred sales charge imposed on redemptions in the case of Class C shares. Past performance is no guarantee of future results. Share price and investment return fluctuate such that upon redemption, fund shares may be worth more or less than their original cost. The fund's return reflects the absorption of certain fund expenses by The Dreyfus Corporation pursuant to an agreement in effect through February 1, 2019, at which time it may be extended, modified, or terminated. Had these expenses not been absorbed, returns would have been lower.
- <sup>2</sup> Source: Lipper Inc. — The S&P 500® Index is widely regarded as the best single gauge of large-cap U.S. equities. The index includes 500 leading companies and captures approximately 80% coverage of available market capitalization. Investors cannot invest directly in any index.
- <sup>3</sup> Source: Lipper Inc. — The S&P Global Natural Resources Index includes 90 of the largest publicly traded companies in natural resources and commodities businesses that meet specific investability requirements, offering investors diversified and investable equity exposure across three primary commodity-related sectors: agribusiness, energy, and metals & mining. Investors cannot invest directly in any index.

Please note: the position in any security highlighted with italicized typeface was sold during the reporting period.

Equities are subject generally to market, market sector, market liquidity, issuer, and investment style risks, among other factors, to varying degrees, all of which are more fully described in the fund's prospectus.

Because the fund's investments are concentrated in the natural resources and related sectors, the value of its shares will be affected by factors particular to those sectors and may fluctuate more widely than that of a fund which invests in a broad range of industries. The market value of these securities may be affected by numerous factors, including events occurring in nature, inflationary pressures, and domestic and international politics. Interest rates, commodity prices, economic, tax, and energy developments, and government regulations may affect the supply and demand for natural resources and the share prices of companies in the sector.

Securities of companies within specific natural resources sectors can perform differently from the overall market. This may be due to changes in such things as the regulatory or competitive environment or to changes in investor perceptions regarding a sector. Because the fund may allocate relatively more assets to certain natural resources sectors than others, the fund's performance may be more sensitive to developments which affect those sectors emphasized by the fund.

Small and mid-sized companies carry additional risks because their earnings and revenues tend to be less predictable, and their share prices more volatile, than those of larger, more established companies.

Investing internationally involves special risks, including changes in currency exchange rates, political, economic, and social instability, a lack of comprehensive company information, differing auditing and legal standards, and less market liquidity. These risks are greater with emerging markets countries than with more economically and politically established foreign countries.

## UNDERSTANDING YOUR FUND'S EXPENSES (Unaudited)

As a mutual fund investor, you pay ongoing expenses, such as management fees and other expenses. Using the information below, you can estimate how these expenses affect your investment and compare them with the expenses of other funds. You also may pay one-time transaction expenses, including sales charges (loads) and redemption fees, which are not shown in this section and would have resulted in higher total expenses. For more information, see your fund's prospectus or talk to your financial adviser.

### Review your fund's expenses

The table below shows the expenses you would have paid on a \$1,000 investment in Dreyfus Natural Resources Fund from October 1, 2017 to March 31, 2018. It also shows how much a \$1,000 investment would be worth at the close of the period, assuming actual returns and expenses.

#### Expenses and Value of a \$1,000 Investment

assuming actual returns for the six months ended March 31, 2018<sup>†</sup>

|   | Class A     | Class C     | Class I     | Class Y     |
|---|-------------|-------------|-------------|-------------|
| Expenses paid per \$1,000 <sup>††</sup> | \$ 6.60     | \$ 9.96     | \$ 5.04     | \$ 4.49     |
| Ending value (after expenses)           | \$ 1,044.40 | \$ 1,040.80 | \$ 1,045.90 | \$ 1,046.50 |

## COMPARING YOUR FUND'S EXPENSES WITH THOSE OF OTHER FUNDS (Unaudited)

### Using the SEC's method to compare expenses

The Securities and Exchange Commission ("SEC") has established guidelines to help investors assess fund expenses. Per these guidelines, the table below shows your fund's expenses based on a \$1,000 investment, assuming a hypothetical 5% annualized return. You can use this information to compare the ongoing expenses (but not transaction expenses or total cost) of investing in the fund with those of other funds. All mutual fund shareholder reports will provide this information to help you make this comparison. Please note that you cannot use this information to estimate your actual ending account balance and expenses paid during the period.

#### Expenses and Value of a \$1,000 Investment

assuming a hypothetical 5% annualized return for the six months ended March 31, 2018<sup>†††</sup>

|   | Class A     | Class C     | Class I     | Class Y     |
|---|-------------|-------------|-------------|-------------|
| Expenses paid per \$1,000 <sup>††††</sup> | \$ 6.59     | \$ 9.95     | \$ 5.04     | \$ 4.48     |
| Ending value (after expenses)             | \$ 1,018.40 | \$ 1,015.06 | \$ 1,019.95 | \$ 1,020.49 |

<sup>†</sup> The statement above represents March 29, 2018 which is the last business day of the fund's semiannual period. See Note 1.

<sup>††</sup> Expenses are equal to the fund's annualized expense ratio of 1.31% for Class A, 1.98% for Class C, 1.00% for Class I and .89% for Class Y, multiplied by the average account value over the period, multiplied by 180/365 (to reflect the actual days in the period).

<sup>†††</sup> Please note that while Class A, Class C, Class I and Class Y shares represent the last business day of the fund's semiannual period, the hypothetical expenses paid during the period reflect projected activity for the full six month period for purposes of comparability. This projection assumes that annualized expense ratios were in effect during the period October 1, 2017 to March 31, 2018.

<sup>††††</sup> Expenses are equal to the fund's annualized expense ratio of 1.31% for Class A, 1.98% for Class C, 1.00% for Class I and .89% for Class Y, multiplied by the average account value over the period, multiplied by 182/365 (to reflect the one-half year period).

# STATEMENT OF INVESTMENTS

March 31, 2018 (Unaudited)<sup>†</sup>

| Description                                   | Shares                 | Value (\$)        |
|---|------------------------|-------------------|
| <b>Common Stocks - 90.7%</b>                  |                        |                   |
| <b>Agriculture - 6.6%</b>                     |                        |                   |
| K+S   | 499,708                | 14,424,429        |
| Yara International                            | 266,987                | 11,342,003        |
|   |                        | <b>25,766,432</b> |
| <b>Auto Parts &amp; Equipment - 1.1%</b>      |                        |                   |
| Aptiv   | 51,568                 | <b>4,381,733</b>  |
| <b>Chemicals - 13.6%</b>                      |                        |                   |
| Andeavor                                      | 79,868                 | 8,031,526         |
| Covestro                                      | 54,531 <sup>a</sup>    | 5,367,577         |
| LyondellBasell Industries, Cl. A              | 71,379                 | 7,543,333         |
| Nutrien                                       | 350,960                | 16,587,096        |
| Showa Shell Sekiyu                            | 375,800                | 5,119,293         |
| Valero Energy                                 | 106,861                | 9,913,495         |
|   |                        | <b>52,562,320</b> |
| <b>Energy Services - 5.8%</b>                 |                        |                   |
| Halliburton                                   | 181,153                | 8,503,322         |
| Newpark Resources                             | 553,743 <sup>b</sup>   | 4,485,318         |
| Schlumberger                                  | 106,658                | 6,909,305         |
| Select Energy Services, Cl. A                 | 208,731                | 2,634,185         |
|   |                        | <b>22,532,130</b> |
| <b>Exchange-Traded Funds - .2%</b>            |                        |                   |
| United States Oil Fund LP                     | 49,085 <sup>b</sup>    | <b>642,523</b>    |
| <b>Forest Products &amp; Other - 7.4%</b>     |                        |                   |
| Ball  | 187,589 <sup>c</sup>   | 7,449,159         |
| Fibria Celulose, ADR                          | 563,604                | 10,990,278        |
| Packaging Corporation of America              | 91,871                 | 10,353,862        |
|   |                        | <b>28,793,299</b> |
| <b>Integrated Energy - 10.0%</b>              |                        |                   |
| Aker BP                                       | 225,636                | 6,103,614         |
| Galp Energia                                  | 433,945                | 8,185,233         |
| Occidental Petroleum                          | 192,719                | 12,519,026        |
| OMV   | 64,180                 | 3,742,407         |
| Total   | 141,475                | 8,040,549         |
|   |                        | <b>38,590,829</b> |
| <b>International/Offshore Upstream - 1.7%</b> |                        |                   |
| CNOOC   | 4,544,000              | <b>6,705,680</b>  |
| <b>Metals &amp; Mining - 22.4%</b>            |                        |                   |
| Alcoa   | 194,430 <sup>b</sup>   | 8,741,573         |
| Freeport-McMoRan                              | 852,885                | 14,985,189        |
| Glencore                                      | 4,933,450 <sup>b</sup> | 24,547,812        |
| Orocobre                                      | 396,572 <sup>b</sup>   | 1,664,140         |
| Rio Tinto                                     | 294,929                | 16,576,740        |



| Description  | Shares                 | Value (\$)             |
|--|------------------------|------------------------|
| <b>Common Stocks - 90.7% (continued)</b>   |                        |                        |
| <b>Metals &amp; Mining - 22.4% (continued)</b>   |                        |                        |
| Vale, ADR  | 1,589,144              | 20,213,912             |
|  |                        | <b>86,729,366</b>      |
| <b>Next Gen Energy - .7%</b>   |                        |                        |
| Vestas Wind Systems  | 38,250                 | <b>2,738,635</b>       |
| <b>Precious Metals - 4.4%</b>  |                        |                        |
| Newcrest Mining  | 453,269                | 6,814,314              |
| Newmont Mining   | 262,937                | 10,272,949             |
|  |                        | <b>17,087,263</b>      |
| <b>Steel - 7.7%</b>  |                        |                        |
| ArcelorMittal  | 297,266 <sup>b</sup>   | 9,428,740              |
| POSCO  | 30,767                 | 9,716,264              |
| Steel Dynamics   | 147,319                | 6,514,446              |
| Tenaris  | 241,413                | 4,173,685              |
|  |                        | <b>29,833,135</b>      |
| <b>US/Onshore Upstream - 9.1%</b>  |                        |                        |
| Cabot Oil & Gas  | 140,898                | 3,378,734              |
| Continental Resources  | 149,031 <sup>b,c</sup> | 8,785,378              |
| Devon Energy   | 142,822                | 4,540,311              |
| EOG Resources  | 102,568                | 10,797,333             |
| Hess   | 154,818 <sup>c</sup>   | 7,836,887              |
|  |                        | <b>35,338,643</b>      |
| <b>Total Common Stocks</b> (cost \$291,903,686)  |                        | <b>351,701,988</b>     |
| <b>Preferred Stocks - 2.2%</b>   |                        |                        |
| <b>Integrated Energy - 2.2%</b>  |                        |                        |
| Petroleo Brasileiro, ADR<br>(cost \$4,830,351)   | 669,523 <sup>b</sup>   | <b>8,697,104</b>       |
|  | Coupon<br>Rate (%)     |                        |
| <b>Other Investment - 1.5%</b>   |                        |                        |
| <b>Registered Investment Company;</b>  |                        |                        |
| Dreyfus Institutional Preferred<br>Government Plus Money Market Fund<br>(cost \$5,602,012) | 1.64                   | 5,602,012 <sup>d</sup> |
|  |                        | <b>5,602,012</b>       |

STATEMENT OF INVESTMENTS (Unaudited) (continued)

| Description   | Coupon Rate (%) | Shares                  | Value (\$)         |
|---|-----------------|-------------------------|--------------------|
| <b>Investment of Cash Collateral for Securities Loaned - 4.0%</b>   |                 |                         |                    |
| <b>Registered Investment Company;</b>   |                 |                         |                    |
| Dreyfus Institutional Preferred Government Money Market Fund, Institutional Shares<br>(cost \$15,380,565) | 1.66            | 15,380,565 <sup>d</sup> | <b>15,380,565</b>  |
| <b>Total Investments</b> (cost \$317,716,614)   |                 | <b>98.4%</b>            | <b>381,381,669</b> |
| <b>Cash and Receivables (Net)</b>   |                 | <b>1.6%</b>             | <b>6,336,416</b>   |
| <b>Net Assets</b>   |                 | <b>100.0%</b>           | <b>387,718,085</b> |

<sup>†</sup> The statement above represents March 29, 2018 which is the last business day of the fund's semiannual period. See Note 1.

ADR—American Depository Receipt

LP—Limited Partnership

<sup>a</sup> Security exempt from registration pursuant to Rule 144A under the Securities Act of 1933. These securities may be resold in transactions exempt from registration, normally to qualified institutional buyers. At March 31, 2018, these securities were valued at \$5,367,577 or 1.38% of net assets.

<sup>b</sup> Non-income producing security.

<sup>c</sup> Security, or portion thereof, on loan. At March 31, 2018, the value of the fund's securities on loan was \$15,574,582 and the value of the collateral held by the fund was \$15,493,806, consisting of cash collateral of \$15,380,565 and U.S. Government & Agency securities valued at \$113,241.

<sup>d</sup> Investment in affiliated money market mutual fund.

| Portfolio Summary (Unaudited) †† | Value (%)   |
|----------------------------------|-------------|
| Metals & Mining                  | 22.4        |
| Chemicals                        | 13.6        |
| Integrated Energy                | 12.2        |
| US/Onshore Upstream              | 9.1         |
| Steel                            | 7.7         |
| Forest Products & Other          | 7.4         |
| Agriculture                      | 6.6         |
| Energy Services                  | 5.8         |
| Money Market Investments         | 5.5         |
| Precious Metals                  | 4.4         |
| International/Offshore Upstream  | 1.7         |
| Auto Parts & Equipment           | 1.1         |
| Next Gen Energy                  | .7          |
| Exchange-Traded Funds            | .2          |
|                                  | <b>98.4</b> |

†† Based on net assets.

See notes to financial statements.

**STATEMENT OF INVESTMENTS IN AFFILIATED ISSUERS**  
(Unaudited)

| Registered<br>Investment<br>Companies   | Value            |                    |                    | Value<br>3/31/18(\$) <sup>†</sup> | Net<br>Assets(%) | Dividends/<br>Distributions (\$) |
|---|------------------|--------------------|--------------------|-----------------------------------|------------------|----------------------------------|
|   | 9/30/17(\$)      | Purchases(\$)      | Sales(\$)          |                                   |                  |                                  |
| Dreyfus<br>Institutional<br>Preferred<br>Government<br>Plus Money<br>Market Fund                        | 1,787,356        | 87,652,558         | 83,837,902         | 5,602,012                         | 1.5              | 42,054                           |
| Dreyfus<br>Institutional<br>Preferred<br>Government<br>Money Market<br>Fund,<br>Institutional<br>Shares | 7,161,291        | 69,293,072         | 61,073,798         | 15,380,565                        | 4.0              | -                                |
| <b>Total</b>  | <b>8,948,647</b> | <b>156,945,630</b> | <b>144,911,700</b> | <b>20,982,577</b>                 | <b>5.5</b>       | <b>42,054</b>                    |

<sup>†</sup> The statement above represents March 29, 2018 which is the last business day of the fund's semiannual period. See Note 1. See notes to financial statements.

# STATEMENT OF ASSETS AND LIABILITIES

March 31, 2018 (Unaudited)<sup>†</sup>

|   | Cost         | Value              |              |              |
|---|--------------|--------------------|--------------|--------------|
| <b>Assets (\$):</b>   |              |                    |              |              |
| Investments in securities—See Statement of Investments<br>(including securities on loan, valued at \$15,574,582)—Note 1(c): |              |                    |              |              |
| Unaffiliated issuers  | 296,734,037  | 360,399,092        |              |              |
| Affiliated issuers  | 20,982,577   | 20,982,577         |              |              |
| Cash  |              | 1,514,867          |              |              |
| Cash denominated in foreign currency  | 372,645      | 370,985            |              |              |
| Receivable for investment securities sold   |              | 19,129,416         |              |              |
| Dividends and securities lending income receivable  |              | 1,493,295          |              |              |
| Receivable for shares of Beneficial Interest subscribed   |              | 408,688            |              |              |
| Prepaid expenses  |              | 60,488             |              |              |
|   |              | <b>404,359,408</b> |              |              |
| <b>Liabilities (\$):</b>  |              |                    |              |              |
| Due to The Dreyfus Corporation and affiliates—Note 3(c)   |              | 299,545            |              |              |
| Liability for securities on loan—Note 1(c)  |              | 15,380,565         |              |              |
| Payable for investment securities purchased   |              | 642,945            |              |              |
| Payable for shares of Beneficial Interest redeemed  |              | 135,283            |              |              |
| Accrued expenses  |              | 182,985            |              |              |
|   |              | <b>16,641,323</b>  |              |              |
| <b>Net Assets (\$)</b>  |              | <b>387,718,085</b> |              |              |
| <b>Composition of Net Assets (\$):</b>  |              |                    |              |              |
| Paid-in capital   |              | 344,389,670        |              |              |
| Accumulated undistributed investment income—net   |              | 818,015            |              |              |
| Accumulated net realized gain (loss) on investments   |              | (21,172,824)       |              |              |
| Accumulated net unrealized appreciation (depreciation)<br>on investments and foreign currency transactions                  |              | 63,683,224         |              |              |
| <b>Net Assets (\$)</b>  |              | <b>387,718,085</b> |              |              |
| <b>Net Asset Value Per Share</b>  |              |                    |              |              |
|   | Class A      | Class C            | Class I      | Class Y      |
| Net Assets (\$)   | 94,949,135   | 13,978,292         | 273,061,716  | 5,728,942    |
| Shares Outstanding  | 3,039,779    | 484,846            | 8,503,829    | 178,363      |
| <b>Net Asset Value Per Share (\$)</b>   | <b>31.24</b> | <b>28.83</b>       | <b>32.11</b> | <b>32.12</b> |

<sup>†</sup> The statement above represents March 29, 2018 which is the last business day of the fund's semiannual period. See Note 1. See notes to financial statements.

**STATEMENT OF OPERATIONS**  
Six Months Ended March 31, 2018 (Unaudited)<sup>†</sup>

|   |                   |
|---|-------------------|
| <b>Investment Income (\$):</b>  |                   |
| <b>Income:</b>  |                   |
| Cash dividends (net of \$169,627 foreign taxes withheld at source):                         |                   |
| Unaffiliated issuers  | 2,792,888         |
| Affiliated issuers  | 42,054            |
| Income from securities lending—Note 1(c)  | 11,463            |
| <b>Total Income</b>   | <b>2,846,405</b>  |
| <b>Expenses:</b>  |                   |
| Management fee—Note 3(a)  | 1,353,828         |
| Shareholder servicing costs—Note 3(c)   | 386,154           |
| Professional fees   | 70,958            |
| Registration fees   | 56,017            |
| Distribution fees—Note 3(b)   | 47,870            |
| Custodian fees—Note 3(c)  | 35,709            |
| Trustees' fees and expenses—Note 3(d)   | 31,911            |
| Prospectus and shareholders' reports  | 13,866            |
| Loan commitment fees—Note 2   | 4,762             |
| Miscellaneous   | 11,552            |
| <b>Total Expenses</b>   | <b>2,012,627</b>  |
| Less—reduction in expenses due to undertaking—Note 3(a)                                     | (1,464)           |
| Less—reduction in fees due to earnings credits—Note 3(c)                                    | (857)             |
| <b>Net Expenses</b>   | <b>2,010,306</b>  |
| <b>Investment Income—Net</b>  | <b>836,099</b>    |
| <b>Realized and Unrealized Gain (Loss) on Investments—Note 4 (\$):</b>                      |                   |
| Net realized gain (loss) on investments and foreign currency transactions                   | 6,089,195         |
| Net realized gain (loss) on forward foreign currency exchange contracts                     | 3,580             |
| <b>Net Realized Gain (Loss)</b>   | <b>6,092,775</b>  |
| Net unrealized appreciation (depreciation) on investments and foreign currency transactions | 7,018,938         |
| Net unrealized appreciation (depreciation) on forward foreign currency exchange contracts   | 8,243             |
| <b>Net Unrealized Appreciation (Depreciation)</b>   | <b>7,027,181</b>  |
| <b>Net Realized and Unrealized Gain (Loss) on Investments</b>                               | <b>13,119,956</b> |
| <b>Net Increase in Net Assets Resulting from Operations</b>                                 | <b>13,956,055</b> |

<sup>†</sup> The statement above represents March 29, 2018 which is the last business day of the fund's semiannual period. See Note 1. See notes to financial statements.

## STATEMENT OF CHANGES IN NET ASSETS

|  | Six Months Ended<br>March 31, 2018<br>(Unaudited)† | Year Ended<br>September 30, 2017 |
|--|--|----------------------------------|
| <b>Operations (\$):</b>  |  |                                  |
| Investment income—net  | 836,099  | 2,228,657                        |
| Net realized gain (loss) on investments  | 6,092,775  | 5,827,652                        |
| Net unrealized appreciation (depreciation)<br>on investments                       | 7,027,181  | 31,313,372                       |
| <b>Net Increase (Decrease) in Net Assets<br/>Resulting from Operations</b>         | <b>13,956,055</b>                                  | <b>39,369,681</b>                |
| <b>Distributions to Shareholders from (\$):</b>                                    |  |                                  |
| Investment income—net:   |  |                                  |
| Class A  | (372,999)  | (1,033,512)                      |
| Class C  | -  | (80,254)                         |
| Class I  | (1,539,884)  | (2,938,769)                      |
| Class Y  | (41,566)   | (8,112)                          |
| <b>Total Distributions</b>   | <b>(1,954,449)</b>                                 | <b>(4,060,647)</b>               |
| <b>Beneficial Interest Transactions (\$):</b>                                      |  |                                  |
| Net proceeds from shares sold:   |  |                                  |
| Class A  | 21,694,933   | 37,152,031                       |
| Class C  | 4,169,577  | 3,859,868                        |
| Class I  | 79,937,033   | 175,844,657                      |
| Class Y  | 3,078,581  | 2,330,670                        |
| Distributions reinvested:  |  |                                  |
| Class A  | 331,557  | 907,914                          |
| Class C  | -  | 72,804                           |
| Class I  | 1,371,055  | 2,550,006                        |
| Class Y  | 33,291   | 8,095                            |
| Cost of shares redeemed:   |  |                                  |
| Class A  | (19,068,071)                                       | (37,785,718)                     |
| Class C  | (2,363,855)  | (3,705,339)                      |
| Class I  | (49,010,572)                                       | (112,637,949)                    |
| Class Y  | (334,784)  | (259,292)                        |
| <b>Increase (Decrease) in Net Assets<br/>from Beneficial Interest Transactions</b> | <b>39,838,745</b>                                  | <b>68,337,747</b>                |
| <b>Total Increase (Decrease) in Net Assets</b>                                     | <b>51,840,351</b>                                  | <b>103,646,781</b>               |
| <b>Net Assets (\$):</b>  |  |                                  |
| Beginning of Period  | 335,877,734  | 232,230,953                      |
| <b>End of Period</b>   | <b>387,718,085</b>                                 | <b>335,877,734</b>               |
| Undistributed investment income—net  | 818,015  | 1,936,365                        |

|  | Six Months Ended<br>March 31, 2018<br>(Unaudited)† | Year Ended<br>September 30, 2017 |
|--|--|----------------------------------|
| <b>Capital Share Transactions (Shares):</b>          |  |                                  |
| <b>Class A<sup>a,b</sup></b>                         |  |                                  |
| Shares sold  | 688,913  | 1,318,108                        |
| Shares issued for distributions reinvested           | 11,033   | 31,980                           |
| Shares redeemed                                      | (599,299)  | (1,332,880)                      |
| <b>Net Increase (Decrease) in Shares Outstanding</b> | <b>100,647</b>                                     | <b>17,208</b>                    |
| <b>Class C<sup>b</sup></b>                           |  |                                  |
| Shares sold  | 142,946  | 147,222                          |
| Shares issued for distributions reinvested           | -  | 2,765                            |
| Shares redeemed                                      | (81,925)   | (140,136)                        |
| <b>Net Increase (Decrease) in Shares Outstanding</b> | <b>61,021</b>                                      | <b>9,851</b>                     |
| <b>Class I<sup>a</sup></b>                           |  |                                  |
| Shares sold  | 2,448,292  | 6,053,023                        |
| Shares issued for distributions reinvested           | 44,428   | 87,509                           |
| Shares redeemed                                      | (1,528,835)  | (3,878,437)                      |
| <b>Net Increase (Decrease) in Shares Outstanding</b> | <b>963,885</b>                                     | <b>2,262,095</b>                 |
| <b>Class Y</b>                                       |  |                                  |
| Shares sold  | 98,237   | 82,679                           |
| Shares issued for distributions reinvested           | 1,079  | 278                              |
| Shares redeemed                                      | (10,254)   | (8,833)                          |
| <b>Net Increase (Decrease) in Shares Outstanding</b> | <b>89,062</b>                                      | <b>74,124</b>                    |

† The statement above represents March 29, 2018 which is the last business day of the fund's semiannual period. See Note 1.

<sup>a</sup> During the period ended March 31, 2018, 2,046 Class A shares representing \$66,581 were exchanged for 1,990 Class I shares and during the period ended September 30, 2017, 839 Class A shares representing \$24,906 were exchanged for 817 Class I shares.

<sup>b</sup> During the period ended March 31, 2018, 1,580 Class C shares representing \$44,186 were automatically converted for 1,461 Class A shares.

See notes to financial statements.

## FINANCIAL HIGHLIGHTS

The following tables describe the performance for each share class for the fiscal periods indicated. All information (except portfolio turnover rate) reflects financial results for a single fund share. Total return shows how much your investment in the fund would have increased (or decreased) during each period, assuming you had reinvested all dividends and distributions. These figures have been derived from the fund's financial statements.

| Class A Shares   | Six Months Ended                           | Year Ended September 30, |        |         |        |        |
|--|--|--------------------------|--------|---------|--------|--------|
|  | March 31, 2018<br>(Unaudited) <sup>†</sup> | 2017                     | 2016   | 2015    | 2014   | 2013   |
| <b>Per Share Data (\$):</b>                            |  |                          |        |         |        |        |
| Net asset value, beginning of period                   | 30.04                                      | 26.56                    | 23.30  | 31.73   | 29.66  | 26.27  |
| Investment Operations:                                 |  |                          |        |         |        |        |
| Investment income—net <sup>a</sup>                     | .04  | .15                      | .27    | .32     | .20    | .11    |
| Net realized and unrealized gain (loss) on investments | 1.29                                       | 3.69                     | 3.21   | (8.25)  | 1.87   | 3.34   |
| Total from Investment Operations                       | 1.33                                       | 3.84                     | 3.48   | (7.93)  | 2.07   | 3.45   |
| Distributions:   |  |                          |        |         |        |        |
| Dividends from investment income—net                   | (.13)                                      | (.36)                    | (.22)  | (.22)   | -      | (.06)  |
| Dividends from net realized gain on investments        | -  | -                        | -      | (.28)   | -      | -      |
| Total Distributions                                    | (.13)                                      | (.36)                    | (.22)  | (.50)   | -      | (.06)  |
| Net asset value, end of period                         | 31.24                                      | 30.04                    | 26.56  | 23.30   | 31.73  | 29.66  |
| <b>Total Return (%)<sup>b</sup></b>                    | 4.44 <sup>c</sup>                          | 14.52                    | 15.06  | (25.38) | 6.98   | 13.19  |
| <b>Ratios/Supplemental Data (%):</b>                   |  |                          |        |         |        |        |
| Ratio of total expenses to average net assets          | 1.31 <sup>d</sup>                          | 1.36                     | 1.44   | 1.47    | 1.58   | 1.67   |
| Ratio of net expenses to average net assets            | 1.31 <sup>d</sup>                          | 1.34                     | 1.34   | 1.34    | 1.35   | 1.35   |
| Ratio of net investment income to average net assets   | .24 <sup>d</sup>                           | .53                      | 1.12   | 1.11    | .62    | .41    |
| Portfolio Turnover Rate                                | 29.09 <sup>c</sup>                         | 94.39                    | 108.16 | 100.82  | 102.79 | 33.17  |
| Net Assets, end of period (\$ x 1,000)                 | 94,949                                     | 88,293                   | 77,594 | 51,613  | 37,158 | 26,614 |

<sup>†</sup> The statement above represents March 29, 2018 which is the last business day of the fund's semiannual period. See Note 1.

<sup>a</sup> Based on average shares outstanding.

<sup>b</sup> Exclusive of sales charge.

<sup>c</sup> Not annualized.

<sup>d</sup> Annualized.

See notes to financial statements.



| Class C Shares  | Six Months Ended                           | Year Ended September 30, |              |                |             |              |
|---|--|--------------------------|--------------|----------------|-------------|--------------|
|   | March 31, 2018<br>(Unaudited) <sup>†</sup> | 2017                     | 2016         | 2015           | 2014        | 2013         |
| <b>Per Share Data (\$):</b>                                 |  |                          |              |                |             |              |
| Net asset value, beginning of period                        | 27.70                                      | 24.53                    | 21.54        | 29.42          | 27.71       | 24.66        |
| Investment Operations:                                      |  |                          |              |                |             |              |
| Investment income (loss)—net <sup>a</sup>                   | (.06)                                      | (.05)                    | .08          | .12            | (.04)       | (.10)        |
| Net realized and unrealized gain (loss) on investments      | 1.19                                       | 3.41                     | 2.97         | (7.67)         | 1.75        | 3.15         |
| Total from Investment Operations                            | 1.13                                       | 3.36                     | 3.05         | (7.55)         | 1.71        | 3.05         |
| Distributions:  |  |                          |              |                |             |              |
| Dividends from investment income—net                        | -  | (.19)                    | (.06)        | (.05)          | -           | -            |
| Dividends from net realized gain on investments             | -  | -                        | -            | (.28)          | -           | -            |
| Total Distributions   | -  | (.19)                    | (.06)        | (.33)          | -           | -            |
| Net asset value, end of period                              | 28.83                                      | 27.70                    | 24.53        | 21.54          | 29.42       | 27.71        |
| <b>Total Return (%)<sup>b</sup></b>                         | <b>4.08<sup>c</sup></b>                    | <b>13.73</b>             | <b>14.21</b> | <b>(25.95)</b> | <b>6.17</b> | <b>12.37</b> |
| <b>Ratios/Supplemental Data (%):</b>                        |  |                          |              |                |             |              |
| Ratio of total expenses to average net assets               | 1.98 <sup>d</sup>                          | 2.04                     | 2.12         | 2.16           | 2.39        | 2.45         |
| Ratio of net expenses to average net assets                 | 1.98 <sup>d</sup>                          | 2.03                     | 2.09         | 2.08           | 2.10        | 2.10         |
| Ratio of net investment income (loss) to average net assets | (.40) <sup>d</sup>                         | (.18)                    | .37          | .43            | (.14)       | (.38)        |
| Portfolio Turnover Rate                                     | 29.09 <sup>c</sup>                         | 94.39                    | 108.16       | 100.82         | 102.79      | 33.17        |
| Net Assets, end of period (\$ x 1,000)                      | 13,978                                     | 11,741                   | 10,154       | 9,414          | 3,714       | 3,213        |

<sup>†</sup> The statement above represents March 29, 2018 which is the last business day of the fund's semiannual period. See Note 1.

<sup>a</sup> Based on average shares outstanding.

<sup>b</sup> Exclusive of sales charge.

<sup>c</sup> Not annualized.

<sup>d</sup> Annualized.

See notes to financial statements.

FINANCIAL HIGHLIGHTS (continued)

| Class I Shares   | Six Months Ended                           | Year Ended September 30, |         |         |        |       |
|--|--|--------------------------|---------|---------|--------|-------|
|  | March 31, 2018<br>(Unaudited) <sup>†</sup> | 2017                     | 2016    | 2015    | 2014   | 2013  |
| <b>Per Share Data (\$):</b>                            |  |                          |         |         |        |       |
| Net asset value, beginning of period                   | 30.91                                      | 27.30                    | 23.95   | 32.59   | 30.39  | 26.91 |
| Investment Operations:                                 |  |                          |         |         |        |       |
| Investment income—net <sup>a</sup>                     | .09  | .25                      | .35     | .44     | .31    | .20   |
| Net realized and unrealized gain (loss) on investments | 1.32                                       | 3.78                     | 3.29    | (8.51)  | 1.89   | 3.41  |
| Total from Investment Operations                       | 1.41                                       | 4.03                     | 3.64    | (8.07)  | 2.20   | 3.61  |
| Distributions:   |  |                          |         |         |        |       |
| Dividends from investment income—net                   | (.21)                                      | (.42)                    | (.29)   | (.29)   | -      | (.13) |
| Dividends from net realized gain on investments        | -  | -                        | -       | (.28)   | -      | -     |
| Total Distributions                                    | (.21)                                      | (.42)                    | (.29)   | (.57)   | -      | (.13) |
| Net asset value, end of period                         | 32.11                                      | 30.91                    | 27.30   | 23.95   | 32.59  | 30.39 |
| <b>Total Return (%)</b>                                | 4.59 <sup>b</sup>                          | 14.85                    | 15.35   | (25.19) | 7.24   | 13.49 |
| <b>Ratios/Supplemental Data (%):</b>                   |  |                          |         |         |        |       |
| Ratio of total expenses to average net assets          | 1.00 <sup>c</sup>                          | 1.05                     | 1.11    | 1.17    | 1.35   | 1.43  |
| Ratio of net expenses to average net assets            | 1.00 <sup>c</sup>                          | 1.05                     | 1.08    | 1.09    | 1.10   | 1.10  |
| Ratio of net investment income to average net assets   | .59 <sup>c</sup>                           | .86                      | 1.40    | 1.51    | .93    | .69   |
| Portfolio Turnover Rate                                | 29.09 <sup>b</sup>                         | 94.39                    | 108.16  | 100.82  | 102.79 | 33.17 |
| Net Assets, end of period (\$ x 1,000)                 | 273,062                                    | 233,080                  | 144,068 | 58,533  | 18,463 | 8,216 |

<sup>†</sup> The statement above represents March 29, 2018 which is the last business day of the fund's semiannual period. See Note 1.

<sup>a</sup> Based on average shares outstanding.

<sup>b</sup> Not annualized.

<sup>c</sup> Annualized.

See notes to financial statements.

| Class Y Shares  | Six Months Ended                           | Year Ended September 30, |        |                     |
|---|--|--------------------------|--------|---------------------|
|   | March 31, 2018<br>(Unaudited) <sup>†</sup> | 2017                     | 2016   | 2015 <sup>a</sup>   |
| <b>Per Share Data (\$):</b>                               |  |                          |        |                     |
| Net asset value, beginning of period                      | 30.94                                      | 27.31                    | 23.95  | 25.37               |
| Investment Operations:                                    |  |                          |        |                     |
| Investment income—net <sup>b</sup>                        | .12  | .41                      | .43    | .07                 |
| Net realized and unrealized<br>gain (loss) on investments | 1.31                                       | 3.65                     | 3.23   | (1.49)              |
| Total from Investment Operations                          | 1.43                                       | 4.06                     | 3.66   | (1.42)              |
| Distributions:  |  |                          |        |                     |
| Dividends from investment income—net                      | (.25)                                      | (.43)                    | (.30)  | -                   |
| Net asset value, end of period                            | 32.12                                      | 30.94                    | 27.31  | 23.95               |
| <b>Total Return (%)</b>                                   | 4.65 <sup>c</sup>                          | 14.98                    | 15.45  | (5.60) <sup>c</sup> |
| <b>Ratios/Supplemental Data (%):</b>                      |  |                          |        |                     |
| Ratio of total expenses to average net assets             | .89 <sup>d</sup>                           | .93                      | .99    | 2.54 <sup>d</sup>   |
| Ratio of net expenses to average net assets               | .89 <sup>d</sup>                           | .93                      | .98    | 1.10 <sup>d</sup>   |
| Ratio of net investment income to average net assets      | .72 <sup>d</sup>                           | 1.38                     | 1.54   | 3.69 <sup>d</sup>   |
| Portfolio Turnover Rate                                   | 29.09 <sup>c</sup>                         | 94.39                    | 108.16 | 100.82              |
| Net Assets, end of period (\$ x 1,000)                    | 5,729                                      | 2,763                    | 414    | 1                   |

<sup>†</sup> The statement above represents March 29, 2018 which is the last business day of the fund's semiannual period. See Note 1.

<sup>a</sup> From September 1, 2015 (commencement of initial offering) to September 30, 2015.

<sup>b</sup> Based on average shares outstanding.

<sup>c</sup> Not annualized.

<sup>d</sup> Annualized.

See notes to financial statements.

## NOTES TO FINANCIAL STATEMENTS (Unaudited)

### **NOTE 1—Significant Accounting Policies:**

Dreyfus Natural Resources Fund (the “fund”) is a separate non-diversified series of Dreyfus Opportunity Funds (the “Company”), which is registered under the Investment Company Act of 1940, as amended (the “Act”), as an open-end management investment company and operates as a series company currently offering two series, including the fund. The fund’s investment objective is to seek long-term capital appreciation. The Dreyfus Corporation (the “Manager” or “Dreyfus”), a wholly-owned subsidiary of The Bank of New York Mellon Corporation (“BNY Mellon”), serves as the fund’s investment adviser.

Since March 29, 2018 represents the last day during the fund’s semiannual period on which the New York Stock Exchange was open for trading, the fund’s financial statements and notes to financial statements have been presented through that date to maintain consistency with the fund’s net asset value calculations used for shareholder transactions.

MBSC Securities Corporation (the “Distributor”), a wholly-owned subsidiary of Dreyfus, is the distributor of the fund’s shares. The fund is authorized to issue an unlimited number of \$.001 par value shares of Beneficial Interest in each of the following classes of shares: Class A, Class C, Class I, Class T and Class Y. Class A and Class T shares generally are subject to a sales charge imposed at the time of purchase. Class C shares are subject to a contingent deferred sales charge (“CDSC”) imposed on Class C shares redeemed within one year of purchase. Class C shares automatically convert to Class A shares ten years after the date of purchase, without the imposition of a sales charge. Class I and Class Y shares are sold at net asset value per share generally to institutional investors. As of the date of this report, the fund did not offer Class T shares for purchase. Other differences between the classes include the services offered to and the expenses borne by each class, the allocation of certain transfer agency costs, and certain voting rights. Income, expenses (other than expenses attributable to a specific class), and realized and unrealized gains or losses on investments are allocated to each class of shares based on its relative net assets.

The Company accounts separately for the assets, liabilities and operations of each series. Expenses directly attributable to each series are charged to that series’ operations; expenses which are applicable to all series are allocated among them on a pro rata basis.

The Financial Accounting Standards Board (“FASB”) Accounting Standards Codification (“ASC”) is the exclusive reference of authoritative U.S. generally accepted accounting principles (“GAAP”) recognized by the FASB to be applied by nongovernmental entities. Rules and interpretive releases of the Securities and Exchange Commission (“SEC”) under authority of federal laws are also sources of authoritative GAAP for SEC registrants. The fund’s financial statements are prepared in accordance with GAAP, which may require the use of management estimates and assumptions. Actual results could differ from those estimates.

The Company enters into contracts that contain a variety of indemnifications. The fund’s maximum exposure under these arrangements is unknown. The fund does not anticipate recognizing any loss related to these arrangements.

**(a) Portfolio valuation:** The fair value of a financial instrument is the amount that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (i.e., the exit price). GAAP establishes a fair value hierarchy that prioritizes the inputs of valuation techniques used to measure fair value. This hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements).

Additionally, GAAP provides guidance on determining whether the volume and activity in a market has decreased significantly and whether such a decrease in activity results in transactions that are not orderly. GAAP requires enhanced disclosures around valuation inputs and techniques used during annual and interim periods.

Various inputs are used in determining the value of the fund’s investments relating to fair value measurements. These inputs are summarized in the three broad levels listed below:

**Level 1**—unadjusted 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 the fund’s own assumptions in determining the fair value of investments).

The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities.

Changes in valuation techniques may result in transfers in or out of an assigned level within the disclosure hierarchy. Valuation techniques used to value the fund's investments are as follows:

Investments in securities are valued at the last sales price on the securities exchange or national securities market on which such securities are primarily traded. Securities listed on the National Market System for which market quotations are available are valued at the official closing price or, if there is no official closing price that day, at the last sales price. For open short positions, asked prices are used for valuation purposes. Bid price is used when no asked price is available. Registered investment companies that are not traded on an exchange are valued at their net asset value. All of the preceding securities are generally categorized within Level 1 of the fair value hierarchy.

Securities not listed on an exchange or the national securities market, or securities for which there were no transactions, are valued at the average of the most recent bid and asked prices. These securities are generally categorized within Level 2 of the fair value hierarchy.

Fair valuing of securities may be determined with the assistance of a pricing service using calculations based on indices of domestic securities and other appropriate indicators, such as prices of relevant ADRs and futures. Utilizing these techniques may result in transfers between Level 1 and Level 2 of the fair value hierarchy.

When market quotations or official closing prices are not readily available, or are determined to not accurately reflect fair value, such as when the value of a security has been significantly affected by events after the close of the exchange or market on which the security is principally traded (for example, a foreign exchange or market), but before the fund calculates its net asset value, the fund may value these investments at fair value as determined in accordance with the procedures approved by the Company's Board of Trustees (the "Board"). Certain factors may be considered when fair valuing investments such as: fundamental analytical data, the nature and duration of restrictions on disposition, an evaluation of the forces that influence the market in which the securities are purchased and sold, and public trading in similar securities of the issuer or comparable issuers. These securities are either categorized within Level 2 or 3 of the fair value hierarchy depending on the relevant inputs used.

For restricted securities where observable inputs are limited, assumptions about market activity and risk are used and are generally categorized within Level 3 of the fair value hierarchy.

Investments denominated in foreign currencies are translated to U.S. dollars at the prevailing rates of exchange.

Forward foreign currency exchange contracts (“forward contracts”) are valued at the forward rate and are generally categorized within Level 2 of the fair value hierarchy.

The following is a summary of the inputs used as of March 31, 2018 in valuing the fund’s investments:

|                            | Level 1 -<br>Unadjusted<br>Quoted Prices | Level 2 - Other<br>Significant<br>Observable<br>Inputs | Level 3 -<br>Significant<br>Unobservable<br>Inputs | Total              |
|----------------------------|--|--|--|--------------------|
| <b>Assets (\$)</b>         |  |  |  |                    |
| Investments in Securities: |  |  |  |                    |
| Equity Securities -        |  |  |  |                    |
| Domestic                   |  |  |  |                    |
| Common Stocks†             | 158,577,063                              | -  | -  | <b>158,577,063</b> |
| Equity Securities -        |  |  |  |                    |
| Foreign Common             |  |  |  |                    |
| Stocks†                    | 31,204,190                               | 161,278,212††  | -  | <b>192,482,402</b> |
| Equity Securities -        |  |  |  |                    |
| Foreign Preferred          |  |  |  |                    |
| Stocks†                    | 8,697,104                                |  |  | <b>8,697,104</b>   |
| Exchange-Traded            |  |  |  |                    |
| Funds                      |  |  |  |                    |
|                            | 642,523                                  |  |  | <b>642,523</b>     |
| Registered                 |  |  |  |                    |
| Investment                 |  |  |  |                    |
| Companies                  |  |  |  |                    |
|                            | 20,982,577                               | -  | -  | <b>20,982,577</b>  |

† See Statement of Investments for additional detailed categorizations.

†† Securities classified within Level 2 at period end as the values were determined pursuant to the fund’s fair valuation procedures. See note above for additional information.

The statement above represents March 29, 2018 which is the last business day of the fund’s semiannual period. See Note 1.

At March 31, 2018, the amount of securities transferred between levels equals fair value of exchange traded equity securities in the table above. At September 30, 2017, there was no transfer between levels of the fair value hierarchy. It is the fund’s policy to recognize transfers between levels at the end of the reporting period.

**(b) Foreign currency transactions:** The fund does not isolate that portion of the results of operations resulting from changes in foreign exchange rates on investments from the fluctuations arising from changes in the market prices of securities held. Such fluctuations are included with the net realized and unrealized gain or loss on investments.

Net realized foreign exchange gains or losses arise from sales of foreign currencies, currency gains or losses realized on securities transactions between trade and settlement date, and the difference between the amounts of dividends, interest and foreign withholding taxes recorded on the fund's books and the U.S. dollar equivalent of the amounts actually received or paid. Net unrealized foreign exchange gains and losses arise from changes in the value of assets and liabilities other than investments resulting from changes in exchange rates. Foreign currency gains and losses on foreign currency transactions are also included with net realized and unrealized gain or loss on investments.

**(c) Securities transactions and investment income:** Securities transactions are recorded on a trade date basis. Realized gains and losses from securities transactions are recorded on the identified cost basis. Dividend income is recognized on the ex-dividend date and interest income, including, where applicable, accretion of discount and amortization of premium on investments, is recognized on the accrual basis.

Pursuant to a securities lending agreement with The Bank of New York Mellon, a subsidiary of BNY Mellon and an affiliate of Dreyfus, the fund may lend securities to qualified institutions. It is the fund's policy that, at origination, all loans are secured by collateral of at least 102% of the value of U.S. securities loaned and 105% of the value of foreign securities loaned. Collateral equivalent to at least 100% of the market value of securities on loan is maintained at all times. At March 31, 2018, the market value of the collateral was 99.5% of the market value of the securities on loan. The fund received additional collateral subsequent to year end which resulted in the market value of the collateral to be at least 100% of the market value of the securities on loan. Collateral is either in the form of cash, which can be invested in certain money market mutual funds managed by the manager, U.S. Government and Agency securities or letters of credit. Collateral is either in the form of cash, which can be invested in certain money market mutual funds managed by Dreyfus, or U.S. Government and Agency securities. The fund is entitled to receive all dividends, interest and distributions on securities loaned, in addition to income earned as a result of the lending transaction. Should a borrower fail to return the securities in a timely manner, The Bank of New York Mellon is required to replace the securities for the benefit of the fund or credit the fund with the market value of the unreturned securities and is subrogated to the fund's rights against the borrower and the collateral. Additionally, the contractual maturity of security lending transactions are on an overnight and continuous basis. During the period ended March 31, 2018,



The Bank of New York Mellon earned \$2,691 from lending portfolio securities, pursuant to the securities lending agreement.

**(d) Affiliated issuers:** Investments in other investment companies advised by Dreyfus are defined as “affiliated” under the Act.

**(e) Dividends and distributions to shareholders:** Dividends and distributions are recorded on the ex-dividend date. Dividends from investment income-net and dividends from net realized capital gains, if any, are normally declared and paid annually, but the fund may make distributions on a more frequent basis to comply with the distribution requirements of the Internal Revenue Code of 1986, as amended (the “Code”). To the extent that net realized capital gains can be offset by capital loss carryovers, it is the policy of the fund not to distribute such gains. Income and capital gain distributions are determined in accordance with income tax regulations, which may differ from GAAP.

**(f) Federal income taxes:** It is the policy of the fund to continue to qualify as a regulated investment company, if such qualification is in the best interests of its shareholders, by complying with the applicable provisions of the Code, and to make distributions of taxable income sufficient to relieve it from substantially all federal income and excise taxes.

As of and during the period ended March 31, 2018, the fund did not have any liabilities for any uncertain tax positions. The fund recognizes interest and penalties, if any, related to uncertain tax positions as income tax expense in the Statement of Operations. During the period ended March 31, 2018, the fund did not incur any interest or penalties.

Each tax year in the three-year period ended September 30, 2017 remains subject to examination by the Internal Revenue Service and state taxing authorities.

Under the Regulated Investment Company Modernization Act of 2010, the fund is permitted to carry forward capital losses for an unlimited period. Furthermore, capital loss carryovers retain their character as either short-term or long-term capital losses.

The fund has an unused capital loss carryover of \$25,818,347 available for federal income tax purposes to be applied against future net realized capital gains, if any, realized subsequent to September 30, 2017. The fund has \$17,329,678 of short-term capital losses and \$8,488,669 of long-term capital losses which can be carried forward for an unlimited period.

The tax character of distributions paid to shareholders during the fiscal year ended September 30, 2017 was as follows: ordinary income

\$4,060,647. The tax character of current year distributions will be determined at the end of the current fiscal year.

**NOTE 2—Bank Lines of Credit:**

The fund participates with other Dreyfus-managed funds in an \$830 million unsecured credit facility led by Citibank, N.A. and a \$300 million unsecured credit facility provided by The Bank of New York Mellon (each, a “Facility”), each to be utilized primarily for temporary or emergency purposes, including the financing of redemptions. Prior to October 4, 2017, the unsecured credit facility with Citibank, N.A. was \$810 million. In connection therewith, the fund has agreed to pay its pro rata portion of commitment fees for each Facility. Interest is charged to the fund based on rates determined pursuant to the terms of the respective Facility at the time of borrowing. During the period ended March 31, 2018, the fund did not borrow under the Facilities.

**NOTE 3—Management Fee and Other Transactions with Affiliates:**

(a) Pursuant to a management agreement with Dreyfus, the management fee is computed at the annual rate of .75% of the value of the fund’s average daily net assets and is payable monthly. Dreyfus has contractually agreed, from October 1, 2017 through February 1, 2019, to waive receipt of its fees and/or assume the direct expenses of the fund, so that the expenses of the classes (excluding Rule 12b-1 Distribution Plan fees, Shareholder Services Plan fees, taxes, interest expense, brokerage commissions, commitment fees on borrowings and extraordinary expenses) do not exceed 1.10% of the value of the fund’s average daily net assets. The reduction in expenses, pursuant to the undertaking, amounted to \$1,464 during the period ended March 31, 2018.

During the period ended March 31, 2018, the Distributor retained \$5,190 from commissions earned on sales of the fund’s Class A shares and \$740 from CDSCs on redemptions of the fund’s Class C shares.

(b) Under the Distribution Plan adopted pursuant to Rule 12b-1 under the Act, Class C shares pay the Distributor for distributing its shares at an annual rate of .75% of the value of its average daily net assets. During the period ended March 31, 2018, Class C shares were charged \$47,870 pursuant to the Distribution Plan.

(c) Under the Shareholder Services Plan, Class A and Class C shares pay the Distributor at an annual rate of .25% of the value of their average daily net assets for the provision of certain services. The services provided may include personal services relating to shareholder accounts, such as

answering shareholder inquiries regarding the fund and providing reports and other information, and services related to the maintenance of shareholder accounts. The Distributor may make payments to Service Agents (securities dealers, financial institutions or other industry professionals) with respect to these services. The Distributor determines the amounts to be paid to Service Agents. During the period ended March 31, 2018, Class A and Class C shares were charged \$118,396 and \$15,957, respectively, pursuant to the Shareholder Services Plan.

The fund has arrangements with the transfer agent and the custodian whereby the fund may receive earnings credits when positive cash balances are maintained, which are used to offset transfer agency and custody fees. For financial reporting purposes, the fund includes net earnings credits as an expense offset in the Statement of Operations.

The fund compensates Dreyfus Transfer, Inc., a wholly-owned subsidiary of Dreyfus, under a transfer agency agreement for providing transfer agency and cash management services for the fund. The majority of transfer agency fees are comprised of amounts paid on a per account basis, while cash management fees are related to fund subscriptions and redemptions. During the period ended March 31, 2018, the fund was charged \$14,531 for transfer agency services and \$857 for cash management services. These fees are included in Shareholder servicing costs in the Statement of Operations. Cash management fees were offset by earnings credits of \$857.

The fund compensates The Bank of New York Mellon under a custody agreement for providing custodial services for the fund. These fees are determined based on net assets, geographic region and transaction activity. During the period ended March 31, 2018, the fund was charged \$35,709 pursuant to the custody agreement.

During the period ended March 31, 2018, the fund was charged \$6,375 for services performed by the Chief Compliance Officer and his staff.

The components of “Due to The Dreyfus Corporation and affiliates” in the Statement of Assets and Liabilities consist of: management fees \$232,650, Distribution Plan fees \$8,416, Shareholder Services Plan fees \$22,015, custodian fees \$27,339, Chief Compliance Officer fees \$3,160 and transfer agency fees \$5,965.

**(d)** Each Board member also serves as a Board member of other funds within the Dreyfus complex. Annual retainer fees and attendance fees are allocated to each fund based on net assets.

**NOTE 4—Securities Transactions:**

The aggregate amount of purchases and sales of investment securities, excluding short-term securities and forward contracts, during the period ended March 31, 2018, amounted to \$122,806,487 and \$103,129,501, respectively.

**Derivatives:** A derivative is a financial instrument whose performance is derived from the performance of another asset. The fund enters into International Swaps and Derivatives Association, Inc. Master Agreements or similar agreements (collectively, “Master Agreements”) with its over-the-counter (“OTC”) derivative contract counterparties in order to, among other things, reduce its credit risk to counterparties. Master Agreements include provisions for general obligations, representations, collateral and events of default or termination. Under a Master Agreement, the fund may offset with the counterparty certain derivative financial instrument’s payables and/or receivables with collateral held and/or posted and create one single net payment in the event of default or termination.

Each type of derivative instrument that was held by the fund during the period ended March 31, 2018 is discussed below.

**Forward Foreign Currency Exchange Contracts:** The fund enters into forward contracts in order to hedge its exposure to changes in foreign currency exchange rates on its foreign portfolio holdings, to settle foreign currency transactions or as a part of its investment strategy. When executing forward contracts, the fund is obligated to buy or sell a foreign currency at a specified rate on a certain date in the future. With respect to sales of forward contracts, the fund incurs a loss if the value of the contract increases between the date the forward contract is opened and the date the forward contract is closed. The fund realizes a gain if the value of the contract decreases between those dates. With respect to purchases of forward contracts, the fund incurs a loss if the value of the contract decreases between the date the forward contract is opened and the date the forward contract is closed. The fund realizes a gain if the value of the contract increases between those dates. Any realized or unrealized gains or losses which occurred during the period are reflected in the Statement of Operations. The fund is exposed to foreign currency risk as a result of changes in value of underlying financial instruments. The fund is also exposed to credit risk associated with counterparty nonperformance on these forward contracts, which is generally limited to the unrealized gain on each open contract. This risk may be mitigated by Master Agreements, if any, between the fund and the counterparty and the posting of collateral, if any, by the counterparty to the fund to cover the fund’s exposure to the

counterparty. At March 31, 2018, there were no forward contracts outstanding.

At March 31, 2018, accumulated net unrealized appreciation on investments inclusive of derivative contracts was \$63,665,055, consisting of \$69,419,914 gross unrealized appreciation and \$5,754,859 gross unrealized depreciation.

At March 31, 2018, the cost of investments inclusive of derivative contracts for federal income tax purposes was substantially the same as the cost for financial reporting purposes (see the Statement of Investments).

# NOTES

# NOTES

# For More Information

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## **Dreyfus Natural Resources Fund**

200 Park Avenue  
New York, NY 10166

### **Manager**

The Dreyfus Corporation  
200 Park Avenue  
New York, NY 10166

### **Custodian**

The Bank of New York Mellon  
225 Liberty Street  
New York, NY 10286

## **Transfer Agent & Dividend Disbursing Agent**

Dreyfus Transfer, Inc.  
200 Park Avenue  
New York, NY 10166

### **Distributor**

MBSC Securities Corporation  
200 Park Avenue  
New York, NY 10166

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**Ticker Symbols:** Class A: DNLAX Class C: DLDCX Class I: DLDRX Class Y: DLDYX

**Telephone** Call your financial representative or 1-800-DREYFUS

**Mail** The Dreyfus Family of Funds, 144 Glenn Curtiss Boulevard, Uniondale, NY 11556-0144

**E-mail** Send your request to [info@dreyfus.com](mailto:info@dreyfus.com)

**Internet** Information can be viewed online or downloaded at [www.dreyfus.com](http://www.dreyfus.com)

The fund files its complete schedule of portfolio holdings with the Securities and Exchange Commission (“SEC”) for the first and third quarters of each fiscal year on Form N-Q. The fund’s Forms N-Q are available on the SEC’s website at [www.sec.gov](http://www.sec.gov) and may be reviewed and copied at the SEC’s Public Reference Room in Washington, D.C. (phone 1-800-SEC-0330 for information).

A description of the policies and procedures that the fund uses to determine how to vote proxies relating to portfolio securities and information regarding how the fund voted these proxies for the most recent 12-month period ended June 30 is available at [www.dreyfus.com](http://www.dreyfus.com) and on the SEC’s website at [www.sec.gov](http://www.sec.gov) and without charge, upon request, by calling 1-800-DREYFUS.