VIRTUS KAR SMALL-MID CAP GROWTH FUND SCHEDULE OF INVESTMENTS (Unaudited) JUNE 30, 2023

(\$ reported in thousands)

	Shares	Value		Shares	Value
COMMON STOCKS—92.9%			Later well as Trade and a second and		
Communication Services—3.8% Rightmove plc Unsponsored ADR	26,648	\$ 353	Information Technology—continued nCino, Inc. ⁽¹⁾ Teledyne Technologies, Inc. ⁽¹⁾ Tyler Technologies, Inc. ⁽¹⁾	12,611 816 867	\$ 380 335 361
Consumer Discretionary—5.6% Ollie's Bargain Outlet Holdings, Inc. ⁽¹⁾ SiteOne Landscape Supply, Inc. ⁽¹⁾	3,695 1,896	214 317 531	TOTAL COMMON STOCKS (Identified Cost \$8,442)		2,067 8,741
Consumer Staples—4.0% Lamb Weston Holdings, Inc.	3,249	373	TOTAL LONG-TERM INVESTMENTS—92.9% (Identified Cost \$8,442)		8,741
Financials—13.7% FactSet Research Systems, Inc. Jack Henry & Associates, Inc. MarketAxess Holdings, Inc. Ryan Specialty Holdings, Inc. Class A ⁽¹⁾	785 1,852 780 10,301	315 310 204 462 1,291	SHORT-TERM INVESTMENT—1.7% Money Market Mutual Fund—1.7% Dreyfus Government Cash Management Fund - Institutional Shares (seven-day effective yield 4.997%) ⁽²⁾ TOTAL SHORT-TERM INVESTMENT	157,449	157
Health Care—21.0% Atrion Corp. Azenta, Inc. ⁽¹⁾ Certara, Inc. ⁽¹⁾ Cooper Cos., Inc. (The) HealthEquity, Inc. ⁽¹⁾ Silk Road Medical, Inc. ⁽¹⁾ West Pharmaceutical Services, Inc.	419 3,532 11,084 589 5,126 9,162 1,377	237 165 202 226 323 298 527 1,978	(Identified Cost \$157) TOTAL INVESTMENTS—94.6% (Identified Cost \$8,599) Other assets and liabilities, net—5.4% NET ASSETS—100.0% Abbreviation: ADR American Depositary Receipt		\$8,898 504 \$9,402
Industrials—22.8% Copart, Inc. ⁽¹⁾ Fair Isaac Corp. ⁽¹⁾ HEICO Corp. Class A Saia, Inc. ⁽¹⁾ TransUnion Verisk Analytics, Inc. Class A	4,534 554 3,128 870 3,053 1,369	414 448 440 298 239 309 2,148	Footnote Legend: (1) Non-income producing. (2) Shares of this fund are publicly offered, and its prospe publicly available. Country Weightings† United States	ctus and annua	al report are
Information Technology—22.0% Bentley Systems, Inc. Class B Clearwater Analytics Holdings, Inc. Class A (1) Copperleaf Technologies, Inc. (1)	8,751 14,061 68,021	475 223 293	United Kingdom Canada Total † % of total investments as of June 30, 2023.		4 3 100%

The following table summarizes the value of the Fund's investments as of June 30, 2023, based on the inputs used to value them (See Security Valuation Note 1 in the Notes to Schedule of Investments):

	IOTAI	
	Value at	Level 1
	June 30, 2023	Quoted Prices
Assets:		
Equity Securities:		
Common Stocks	\$8,741	\$8,741
Money Market Mutual Fund	157	157
Total Investments	\$8,898	\$8,898

There were no securities valued using significant observable inputs (Level 2) or significant unobservable inputs (Level 3) at June 30, 2023.

There were no transfers into or out of Level 3 related to securities held at June 30, 2023.

VIRTUS KAR SMALL-MID CAP GROWTH FUND NOTES TO SCHEDULE OF INVESTMENTS (Unaudited) JUNE 30, 2023

Note 1. Security Valuation

The Trustees have designated the Investment Adviser as the valuation designee to perform fair valuations pursuant to Rule 2a-5 under the Investment Company Act of 1940. The Fund utilizes a fair value hierarchy which prioritizes the inputs to valuation techniques used to measure fair value into three broad levels. The Fund's policy is to recognize transfers into or out of Level 3 at the end of the reporting period.

- Level 1 quoted prices in active markets for identical securities (security types generally include listed equities).
- Level 2 prices determined using other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).
- Level 3 prices determined using significant unobservable inputs (including the Investment Adviser's Valuation Committee's own assumptions in determining the fair value of investments).

A description of the valuation techniques applied to the Fund's major categories of assets and liabilities measured at fair value on a recurring basis is as follows:

Equity securities are valued at the official closing price (typically last sale) on the exchange on which the securities are primarily traded or, if no closing price is available, at the last bid price and are categorized as Level 1 in the hierarchy. Illiquid, restricted equity securities and illiquid private placements are internally fair valued by the Investment Adviser's Valuation Committee, and are generally categorized as Level 3 in the hierarchy.

Certain non-U.S. securities may be fair valued in cases where closing prices are not readily available or are deemed not reflective of readily available market prices. For example, significant events (such as movement in the U.S. securities market, or other regional and local developments) may occur between the time that non-U.S. markets close (where the security is principally traded) and the time that the Fund calculates its net asset value ("NAV") at the close of regular trading on the New York Stock Exchange ("NYSE") (generally 4 p.m. Eastern time) that may impact the value of securities traded in these non-U.S. markets. In such cases, the Fund fair values non-U.S. securities using an independent pricing service which considers the correlation of the trading patterns of the non-U.S. security to the intraday trading in the U.S. markets for investments such as American Depositary Receipts, financial futures, Exchange-Traded Funds ("ETFs"), and certain indexes, as well as prices for similar securities. Such fair valuations are categorized as Level 2 in the hierarchy. Because the frequency of significant events is not predictable, fair valuation of certain non-U.S. common stocks may occur on a frequent basis.

Debt instruments, including convertible bonds, and restricted securities, are valued based on evaluated quotations received from independent pricing services or from dealers who make markets in such securities. For most bond types, the pricing service utilizes matrix pricing that considers one or more of the following factors: yield or price of bonds of comparable quality, coupon, maturity, current cash flows, type, activity of the underlying equities, and current day trade information, as well as dealer supplied prices. These valuations are generally categorized as Level 2 in the hierarchy. Structured debt instruments, such as mortgage-backed and asset-backed securities may also incorporate collateral analysis and utilize cash flow models for valuation and are generally categorized as Level 2 in the hierarchy. Pricing services do not provide pricing for all securities and therefore indicative bids from dealers are utilized which are based on pricing models used by market makers in the security and are generally categorized as Level 2 in the hierarchy. Debt instruments that are internally fair valued by the Investment Adviser's Valuation Committee are generally categorized as Level 3 in the hierarchy.

Listed derivatives, such as options, that are actively traded are valued at the last posted settlement price from the exchange where they are principally traded and are categorized as Level 1 in the hierarchy. Over-the-counter ("OTC") derivative contracts, which include forward currency contracts and equity-linked instruments, do not require material subjectivity as pricing inputs are observed from actively quoted markets and are categorized as Level 2 in the hierarchy.

Investments in open-end mutual funds are valued at NAV. Investments in closed-end funds and ETFs are valued as of the close of regular trading on the NYSE each business day. Each is categorized as Level 1 in the hierarchy.

A summary of the inputs used to value the Fund's net assets by each major security type is disclosed at the end of the Schedule of Investments for the Fund. The inputs or methodologies used for valuing securities are not necessarily an indication of the risk associated with investing in those securities.