

# ATLANTIC JOURNAL,

AND

## FRIEND OF KNOWLEDGE;

A CYCLOPÆDIC JOURNAL AND REVIEW  
OF UNIVERSAL SCIENCE AND KNOWLEDGE:  
HISTORICAL, NATURAL, AND MEDICAL ARTS AND SCIENCES:  
INDUSTRY, AGRICULTURE, EDUCATION, AND EVERY USEFUL INFORMATION:  
WITH NUMEROUS FIGURES.

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*Professor of Historical and Natural Sciences, &c.*

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*Knowledge is the mental food of man.*

### INTRODUCTION.

PERIODICALS abound in the United States; but those calculated to improve and instruct, to scatter the seeds of learning, and become eminently useful by rendering all kind of knowledge and improvements popular, are as yet but few and costly; thus beyond the means of those whom they are most likely to benefit. It is such a deficiency that this journal is partly intended to supply.

It is contemplated therefore to publish, in the city of Philadelphia, a new periodical journal under the above title. It will be conducted by Prof. RAFINESQUE, assisted by several gentlemen of considerable talent and knowledge.

This journal shall contain every thing calculated to enlighten, instruct, and improve the mind. It will not be confined to any particular branch of literature and science, but embrace by turns every subject useful or interesting. Agriculture and economy, with discoveries in the useful arts and practical sciences, will claim peculiar attention. Literature shall not be forgotten; it is also a branch of knowledge, but facts shall have the preference over fiction. Reviews will be introduced on the new plan of stating the increase of knowledge afforded by books. The whole is intended to be original matter; selections shall seldom be resorted to.

This journal is ventured without

any pretensions, and none of the usual pompous promises. It will be of a strikingly novel character, and must be left to speak for itself; to deserve by its own intrinsic value and merit the patronage which it claims from all the friends of knowledge, education and learning.

The Editor being always in pursuit of knowledge, will be able to furnish most of the articles, when not proffered by his collaborators. The subscription is limited to ONE DOLLAR per annum, or TWO DOLLARS for each volume of twelve numbers, or four hundred pages, title-page, index, and nearly fifty figures. This periodical is begun in a quarterly form, but it is hoped may soon become a monthly journal.

Communications for this Journal, may be left at the post office or sent by mail, postage paid. None will be calculated for this paper unless very terse and concise, either useful or novel in character or purpose: new facts will be acceptable above all. Anonymous papers or Reviews will very seldom be accepted. Every writer ought never to be ashamed of his pen and deeds. The initials of C. S. R. will designate the editorial articles.

### 1. LATENT KNOWLEDGE.

Besides the actual active knowledge of mankind, formed by the accumulation of exertions in all the branches of human acquirements; and spread in the numberless books