



# ***Pheidole* in the New World: A Dominant, Hyperdiverse Ant Genus**

By Edward O. Wilson

Download now

Read Online ➔

***Pheidole* in the New World: A Dominant, Hyperdiverse Ant Genus** By Edward O. Wilson

View a collection of videos on Professor Wilson entitled "On the Relation of Science and the Humanities"

Species of the genus *Pheidole* are the most abundant and diverse ants of the New World and range from the northern United States to Argentina. In this richly illustrated book, Edward O. Wilson untangles its classification for the first time, characterizing all 625 known species, 341 of which are new to science, and ordering them into 19 species groups. The author's keys and drawings, the latter showing complete body views arranged in the style of field books, allow rapid identification by anyone with an elementary understanding of entomology. In presenting all of *Pheidole*, the book covers one-fifth of the known ant species of the Western Hemisphere, including many of the commonest forms.

Wilson also summarizes our knowledge of the natural history of each species, much of it previously unpublished. In addition, he provides a general account of hyperdiversity, confirming that it is not a statistical artifact but a genuine biological phenomenon that can best be understood by detailed analyses of groups of organisms such as the *Pheidole* ants.

An important innovation in this book is the inclusion of a CD-ROM containing high-resolution digital images of the type specimens. The CD-ROM is designed to allow quick retrieval of information such as known range, group membership, measurements, and color. The CD-ROM thus will be useful in creating "instant" field guides, comparison charts, and local checklists.

↓ [Download \*Pheidole\* in the New World: A Dominant, Hype ...pdf](#)

📄 [Read Online \*Pheidole\* in the New World: A Dominant, Hy ...pdf](#)



# ***Pheidole* in the New World: A Dominant, Hyperdiverse Ant Genus**

*By Edward O. Wilson*

***Pheidole* in the New World: A Dominant, Hyperdiverse Ant Genus** By Edward O. Wilson

View a collection of videos on Professor Wilson entitled "On the Relation of Science and the Humanities"

Species of the genus *Pheidole* are the most abundant and diverse ants of the New World and range from the northern United States to Argentina. In this richly illustrated book, Edward O. Wilson untangles its classification for the first time, characterizing all 625 known species, 341 of which are new to science, and ordering them into 19 species groups. The author's keys and drawings, the latter showing complete body views arranged in the style of field books, allow rapid identification by anyone with an elementary understanding of entomology. In presenting all of *Pheidole*, the book covers one-fifth of the known ant species of the Western Hemisphere, including many of the commonest forms.

Wilson also summarizes our knowledge of the natural history of each species, much of it previously unpublished. In addition, he provides a general account of hyperdiversity, confirming that it is not a statistical artifact but a genuine biological phenomenon that can best be understood by detailed analyses of groups of organisms such as the *Pheidole* ants.

An important innovation in this book is the inclusion of a CD-ROM containing high-resolution digital images of the type specimens. The CD-ROM is designed to allow quick retrieval of information such as known range, group membership, measurements, and color. The CD-ROM thus will be useful in creating "instant" field guides, comparison charts, and local checklists.

## ***Pheidole* in the New World: A Dominant, Hyperdiverse Ant Genus** By Edward O. Wilson Bibliography

- Sales Rank: #3211308 in Books
- Published on: 2003-03-01
- Released on: 2002-12-20
- Original language: English
- Number of items: 1
- Dimensions: 12.30" h x 2.19" w x 9.37" l, 6.59 pounds
- Binding: Hardcover
- 818 pages

 [Download \*Pheidole\* in the New World: A Dominant, Hype ...pdf](#)

 [Read Online \*Pheidole\* in the New World: A Dominant, Hy ...pdf](#)



## **Download and Read Free Online *Pheidole* in the New World: A Dominant, Hyperdiverse Ant Genus**

**By Edward O. Wilson**

---

### **Editorial Review**

#### **Review**

Edward O. Wilson, one of the great naturalists of our time, hatches big ideas from the study of very small creatures. His newest book, *Pheidole in the New World*, surveys a genus of ants whose complexity and evolutionary success are so extraordinary they have never before been fully described. (*Boston Globe* 2003-02-25)

For the most part [it is] very hard to visualize and explain the entirely different scale of species diversity that is encountered in the invertebrate world. Faced with an illustration and explanation such as Edward O. Wilson's *Pheidole in the New World*, we can only be stunned...Wilson's monograph is the product of a master craftsman. It reeks of authority. Opening sections explain anatomy, terminology and abbreviations. There are 100 pages of keys. Each one-page species treatment includes line drawings of the major and minor workers in lateral view, frontal views of the heads, and details of the thorax and petiole; the location of the type-specimens; the derivation of the name; diagnosis, measurements, colour, geographical range and biology. Here are 624 treatments--a gigantic undertaking. And there is more. The CD is a searchable database that can be used as an identification tool supplementary to the keys. Possible inputs are measurements, colour and country of origin. Or the user can scroll between closely related species and compare high-resolution colour images of the lateral views of major and minor workers and frontal views of heads. (Gaden S. Robinson *Times Literary Supplement* 2004-07-30)

#### **About the Author**

Edward O. Wilson is Pellegrino University Professor, Emeritus, at Harvard University. In addition to two Pulitzer Prizes (one of which he shares with Bert Hölldobler), Wilson has won many scientific awards, including the National Medal of Science and the Crafoord Prize of the Royal Swedish Academy of Sciences.

### **Users Review**

#### **From reader reviews:**

##### **Valerie Hemming:**

As people who live in typically the modest era should be up-date about what going on or details even knowledge to make all of them keep up with the era that is always change and move forward. Some of you maybe may update themselves by examining books. It is a good choice in your case but the problems coming to anyone is you don't know which one you should start with. This *Pheidole* in the New World: A Dominant, Hyperdiverse Ant Genus is our recommendation so you keep up with the world. Why, since this book serves what you want and need in this era.

##### **Carrie Hunter:**

The e-book untitled *Pheidole* in the New World: A Dominant, Hyperdiverse Ant Genus is the book that recommended to you to learn. You can see the quality of the publication content that will be shown to you actually. The language that publisher use to explained their way of doing something is easily to understand. The copy writer was did a lot of analysis when write the book, hence the information that they share to you

personally is absolutely accurate. You also might get the e-book of *Pheidole* in the New World: A Dominant, Hyperdiverse Ant Genus from the publisher to make you much more enjoy free time.

**Carey Gilliam:**

People live in this new day of lifestyle always attempt to and must have the extra time or they will get wide range of stress from both day to day life and work. So , whenever we ask do people have free time, we will say absolutely yes. People is human not only a robot. Then we consult again, what kind of activity do you possess when the spare time coming to you of course your answer can unlimited right. Then do you try this one, reading guides. It can be your alternative in spending your spare time, the particular book you have read will be *Pheidole* in the New World: A Dominant, Hyperdiverse Ant Genus.

**Betty Dunham:**

A lot of people said that they feel weary when they reading a publication. They are directly felt it when they get a half elements of the book. You can choose the particular book *Pheidole* in the New World: A Dominant, Hyperdiverse Ant Genus to make your own personal reading is interesting. Your current skill of reading ability is developing when you including reading. Try to choose easy book to make you enjoy to learn it and mingle the idea about book and examining especially. It is to be first opinion for you to like to start a book and learn it. Beside that the e-book *Pheidole* in the New World: A Dominant, Hyperdiverse Ant Genus can to be your friend when you're sense alone and confuse in what must you're doing of this time.

**Download and Read Online *Pheidole* in the New World: A Dominant, Hyperdiverse Ant Genus By Edward O. Wilson  
#3YNGPS42UQ7**

# **Read *Pheidole* in the New World: A Dominant, Hyperdiverse Ant Genus By Edward O. Wilson for online ebook**

*Pheidole* in the New World: A Dominant, Hyperdiverse Ant Genus By Edward O. Wilson Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read *Pheidole* in the New World: A Dominant, Hyperdiverse Ant Genus By Edward O. Wilson books to read online.

## **Online *Pheidole* in the New World: A Dominant, Hyperdiverse Ant Genus By Edward O. Wilson ebook PDF download**

***Pheidole* in the New World: A Dominant, Hyperdiverse Ant Genus By Edward O. Wilson Doc**

*Pheidole* in the New World: A Dominant, Hyperdiverse Ant Genus By Edward O. Wilson Mobipocket

*Pheidole* in the New World: A Dominant, Hyperdiverse Ant Genus By Edward O. Wilson EPub

**3YNGPS42UQ7: *Pheidole* in the New World: A Dominant, Hyperdiverse Ant Genus By Edward O. Wilson**