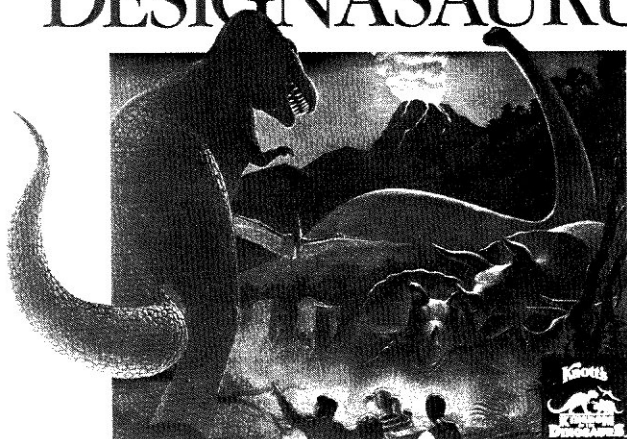


DESIGNASAURUS™



Learn to live, eat and survive
as the dinosaurs did long ago.
Design, print and display
your own dinosaurs today.

For dinosaur lovers of all ages.

By **DesignWare**

Learning software designed to *grow* with you

APPLE IIE, IIC

System Specifications

Designasaurus™ will run on an Apple IIe, IIc or fully compatible computer with a minimum of 128K of RAM. One 5.25" drive is required.

Designasaurus works with the following printers and printer cards:

PRINTERS

ImageWriter I, II
C Itoh Prowriter I & II
Epson FX, RX, LX LQ, MX
Panasonic KXP1091 & 1092
OKIDATA 84, 92, 93, 192, 193
Star Micronics SD10
Star Radix or Delta 10/15
Gemini 10x, 15x

CARDS

SuperSerial (Apple)
Internal IIC Serial Port
Grappler, Grappler+, ProGrappler
Parallel Interface
FingerPrint+Parallel/+Serial
TexPrint Print It!
FirmWare

No game paddles or joysticks are needed.

Designasaurus Contents:

DISK 1:

WALK-A-DINOSAUR
CERTIFICATE, PRINTER SETUP
EXTRA PICTURES

DISK 2:

PRINT-A-DINOSAUR
BUILD-A-DINOSAUR

USER'S MANUAL

WARRANTY CARD

T-SHIRT TRANSFER PAPER

Making T-Shirt Transfers

Designasaurus allows you to create your own dinosaur T-shirts. Enclosed in the box is a *Print 'n Wear!*™ heat transfer and complete instructions for use. You may color the transfer with readily available oil pastels (we recommend Sanford, Weber or Cray-Pas). This is a great family project.

Please remember to supervise your children when coloring and applying iron-on transfers!

You may order additional transfers from Foto-Wear!, Inc. Please see the enclosed coupon.

Designasaurus™

Published by
Britannica Software

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***Downloaded from
Apple2Online.com***

LOADING & RUNNING



It's easy to load and run *Designasaurus*. Simply place the desired disk with the label face up in the drive, close the drive hatch and turn the computer on.

If your computer is already on and the screen shows a system prompt "J", insert the appropriate disk into the drive, type: "PR#6" and press RETURN.

PRINTER SETUP

Designasaurus™ Printer Setup (c)1988 DesignWare, Inc.

Triple-Dump Graphics Routines (c) 1984 by Mark Simon-
sen & Rob Renstrom, Beagle Bros Micro Software, Inc

```
Printer:      EPSON  -FX80
Interface:    PROGRAPPLER
Printer Slot:1
Add Linefeed:Yes
Delay:        0 secs
```

```
Test Setup
Save Setup and exit
Erase changes and exit
```

```
Use up & down cursor to choose items.
Use rt. & left arrows to change values.
Use RETURN key to record change or
execute an item.
```

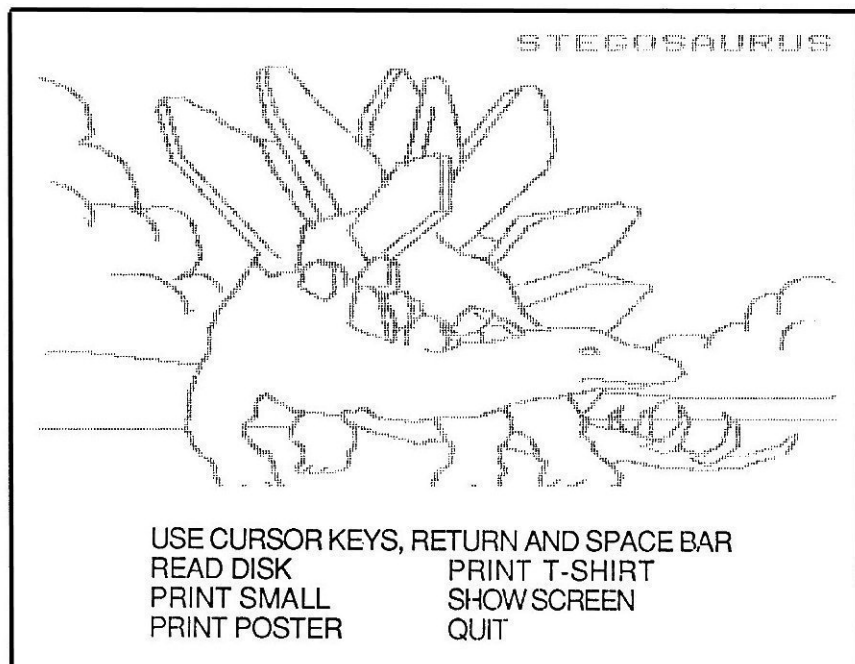
The **Printer Setup** allows *Designasaurus* to print on a wide variety of printers, using different printer cards. To configure your program to work with your particular printer setup, you'll need to run **Printer Setup** only once. Insert the **Walk-A-Dinosaur** disk in label facing *down*, and reboot. In a moment, the setup menu will appear.

Use the up and down arrow keys to select necessary settings. To cycle through a setting, use the right and left arrow keys. Once you've selected the correct setting, press RETURN to record the change.

After you've made the appropriate changes, select *Test Setup*. An incorrect printer choice will cause the program to crash. Reboot and try again. Refer to the Troubleshooting, page 15, for hints on configuring your printer setup.

Select SAVE SETUP AND EXIT when you're done, following the on-screen instructions. *Designasaurus* will now use these settings for printing. **Be sure that you have the correct disk & side in the drive when prompted!**

PRINT-A-DINOSAUR



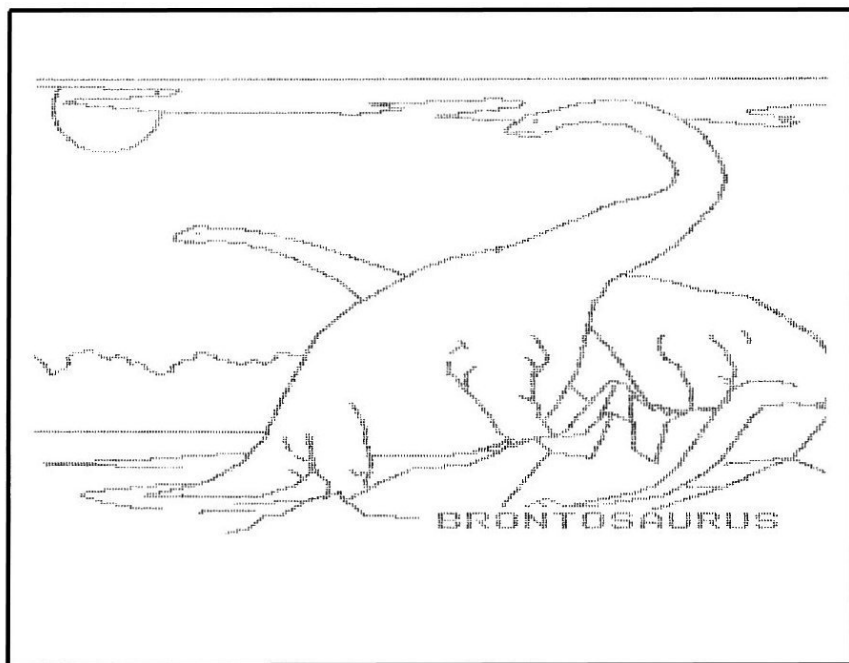
Designasaurus will make beautiful 8 1/2" x 11" print-outs, poster-size print-outs (17" x 22") and even T-shirt transfers. *Designasaurus* supports popular printer cards listed in the beginning of this manual.

To print a dinosaur picture, insert side B of the **Build-A-Dinosaur/Print-A-Dinosaur** disk and turn on your computer. Press any key to exit the opening title and credit screen.

To select the dinosaur you wish to print, use the left, right, up or down arrow keys until the desired dinosaur name is highlighted and press the space bar. Then select the appropriate command and size to print the picture and information.

Note: You'll need to press the space bar after each page finishes printing in the PRINT POSTER (17"x22") size. Note: The bigger the print-out, the longer it takes to calculate the enlargement. If the large poster size has been selected be prepared to wait before printing begins. Remember, all good things are worth waiting for.

PRINT-A-DINOSAUR

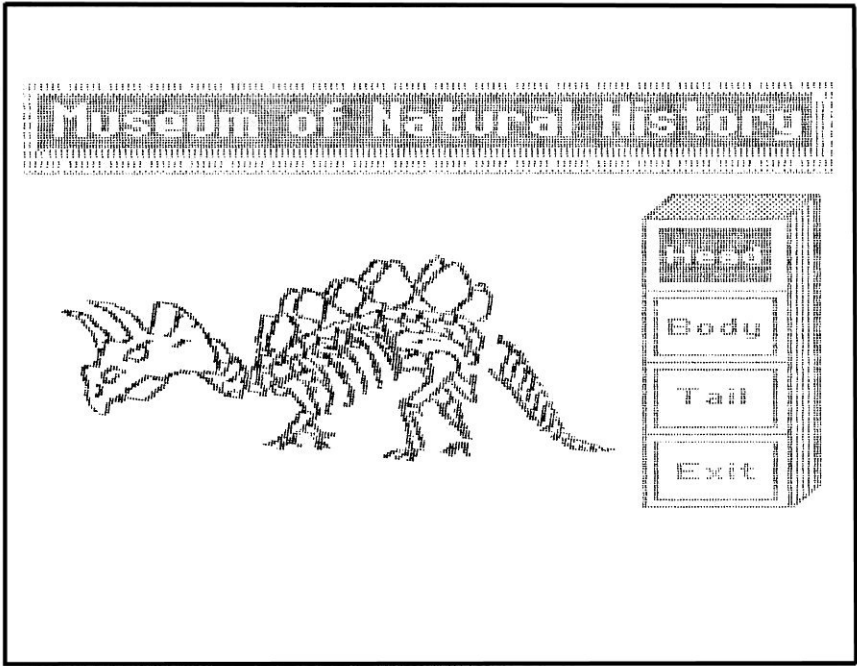


Print-A-Dinosaur will print two pages: a picture of the dinosaur you have chosen and a description of the dinosaur.

Select **READ DISK** to load pictures from other *Designasaurus* Print Disks. The other side of **Walk-A-Dinosaur** has six more dinosaurs for you. Simply insert side B of the Walk-A-Dinosaur disk and select **READ DISK** to access these pictures. Additional disks may be purchased separately.

Select **QUIT** to end this activity. Once the system prompt "]" returns to the screen, you can run other programs.

BUILD-A-DINOSAUR



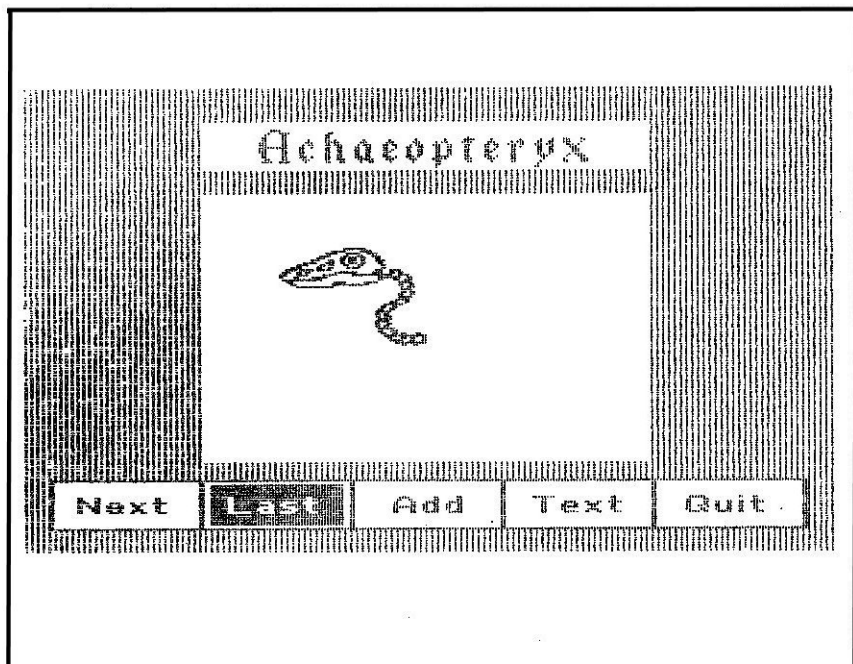
This *Designasaurus* activity allows you to create your own dinosaurs.

To build a dinosaur, insert the **Build-A-Dinosaur** disk and turn on your computer. Press any key to exit the opening title and credit screen.

Press the up or down arrow key to select an option box [*Head, Body, Tail* or *Exit*] then press RETURN.

Select EXIT to quit **Build-A-Dinosaur**. Once the system prompt "]" returns to the screen, type: "PR#6" and press RETURN to run other programs.

BUILD-A-DINOSAUR



When you select the fossil type you want to examine, the computer displays the fossil under its name. Use the left and right arrow keys to highlight your choice: NEXT, LAST, TEXT, CANCEL or ADD, and press RETURN.

To browse different fossils of the same type, select NEXT or LAST.

Select ADD to add the fossil to the dinosaur you are building in the museum.

Use TEXT to find out more fascinating information about the fossil that you are viewing. Press any key to return to the full-screen picture.

BUILD-A-DINOSAUR

MUSEUM OF NATURAL HISTORY REPORT

Reconstruction complete...
Head from a Triceratops...HERBIVORE
Body from a Stegosaurus...HERBIVORE
Tail from an Allosaurus...CARNIVORE

This dinosaur would have
trouble deciding on a diet

Enter Dinosaur Name?
? DESIGNASAURUS

Print out dinosaur? <Y/N>

When you have constructed a complete dinosaur skeleton, select EXIT and press RETURN. You will be asked to name the dinosaur that you have made. You may enter any name up to fifteen letters long. The computer will show a picture of your new dinosaur. Press any key to continue.

You may now print your dinosaur in two different sizes or on the special T-shirt transfer paper. Just follow the instructions on the screen.

If you want to see important information about your dinosaur, type 'Y' when asked if you want a print-out.

When your print-out is finished you are returned to the *Museum of Natural History*.

NOTE: Not all parts of all fossils are represented in *Designasaurus*.

WALK-A-DINOSAUR



**Select
Dinosaur**



Cancel

The **Walk-A-Dinosaur** section allows you to control a Brontosaurus, Stegosaurus or Tyrannosaurus Rex as it travels through four different ecosystems. Use the up and down arrow keys to select a dinosaur. **Walk-A-Dinosaur** will begin automatically when you choose your dinosaur. Select **CANCEL** if you want to stop playing.

A Brontosaurus eats tall trees; a Stegosaurus likes short shrubs; and a Tyrannosaurus Rex feeds on the Brontosaurus and the Stegosaurus.

Remember that the object of **Walk-A-Dinosaur** is to travel through all four ecosystems. When you move your dinosaur to the right of the screen, it advances to the next ecosystem. If you move your dinosaur to the left border, it returns to the previous landscape. Your dinosaur cannot move left of the first ecosystem.

WALK-A-DINOSAUR



THE ECOSYSTEM

Carnivores (meat-eating dinosaurs like Tyrannosaurus Rex), herbivores (like Brontosaurus and Stegosaurus) and the vegetation that they fed on were interdependent in the prehistoric ecosystem.

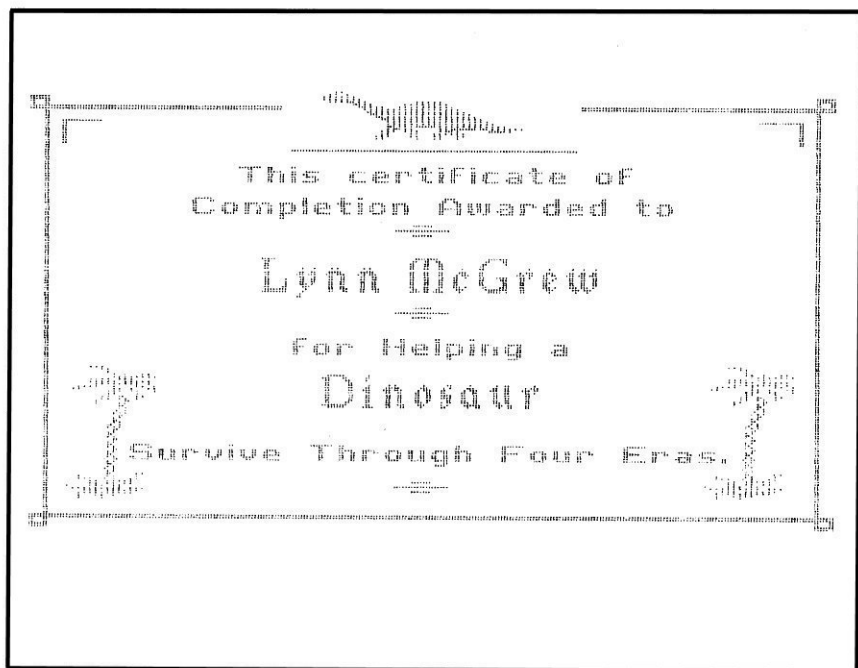
Each of the four ecosystems in **Walk-A-Dinosaur** has a different number of carnivores, herbivores and tall and short vegetation. The graphs at the top of the screen show how many of these elements are in the ecosystem and how many CALORIES your dinosaur has (its strength).

Control your dinosaur by pressing the left, right, up and down arrow keys. Your dinosaur burns CALORIES faster the more it moves, and collects CALORIES by eating. Press the ESC key to pause. Your dinosaur, like the ones in prehistoric times, will stop to eat whenever possible.

If you want to stop your dinosaur from feeding, simply press the CONTROL and 'E' keys simultaneously. You may wish to activate this option when you are being chased by a Tyrannosaurus Rex. A dialog box will appear asking if you want to turn the feeding option on or off. Press 'Y' to stop your dinosaur from feeding, press 'N' to resume feeding.

After you've escaped, you will probably want your dinosaur to eat. Press CONTROL and 'E' again, and select 'N' to resume feeding.

WALK-A-DINOSAUR



Earning a Diploma

When you have successfully guided your dinosaur through all four ecosystems, you will be awarded a diploma. At this point, you will be asked to flip the disk to load the certificate program.

To Help You Earn A Diploma

The number of dinosaurs and plants in each ecosystem is shown on the corresponding graphs. Your dinosaur's actions have an effect on the total ecosystem. Don't eat too much in any one ecosystem, or you might upset the delicate balance.

If your dinosaur is a Brontosaurus or a Stegosaurus, remember that it will graze whenever it comes near the right kind of vegetation. So, if your dinosaur is chased by a Tyrannosaurus, it's a good idea to avoid food and run away.

If your dinosaur is a Tyrannosaurus Rex, keep an eye on the *Herbivores Graph*. Some ecosystems are healthier than others and are able to support more dinosaurs.

SUGGESTED READING

Books about Dinosaurs

Paleontologists are constantly discovering new facts about dinosaurs and updating their theories about these wonderful animals that lived so long ago. A great deal of research was done to make *Designasaurus* as accurate as possible. Many books were consulted, including:

The Dinosaur Heresies by Robert T. Bakker, Ph.D (1986, published by William Morrow & Co., Inc., New York). Dr. Bakker writes about some of the newest and most exciting theories about dinosaurs.

Simon & Schuster's Guide to Fossils by Paolo Arduni and Giorgio Teruzzi (1986, Simon & Schuster, New York).

Dinosaurs, Text by Mary Packard, Illustrations by Christopher Santoro (1981, Simon & Schuster, New York) This book has great dinosaur drawings.

Dinosaurs of North America, Text by Helen Roney Sattler, Illustrations by Anthony Rao (1981, William Morrow & Co., New York). Wonderful drawings and detailed text.

The Fossil Book by Carroll Lane Fenton and Mildred Adams Fenton (1958, Doubleday & Co., New York). This is a very detailed book.

The World of Dinosaurs by Michael Tweedie (1977, William Morrow & Co.,) This book has many color drawings of dinosaurs.

Fossils, the Oldest Treasures That Ever Lived by Jochen Helms (English Translation 1985, T.F.H. Publications, Inc., Neptune City, New Jersey). This book has many photographs of fossils.

The Dinosaurs: A Fantastic View of A Lost Era by William Stout, Edited by Byron Preiss, Narrated by William Service (1981, Bantam Books, New York). William Stout draws dinosaurs in a delightful Art Nouveau style.

CREDITS

PROGRAMMING

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Ed Isenberg

TROUBLESHOOTING

If you have problems with a *Designasaurus* function, first check the appropriate section in this manual to make sure you are using *Designasaurus* properly.

IF THE PROGRAM ABORTS AFTER THE TITLE SCREEN

Designasaurus will run only on an Apple //c, or Apple //e Enhanced with at least 128K of memory. Contact your local Apple dealer for information on an upgrade if you lack sufficient memory.

"FILE NOT FOUND" or a similar error message

Your disk is probably damaged. You may wish to purchase a backup disk. For more information on backup disks, see the enclosed warranty card.

"UNABLE TO LOAD FILE" or similar message

You've probably just successfully completed the WALK. Be sure to follow the on-screen instructions and do not press RETURN until you have flipped the disk over. Next time, re-insert the disk, then press RETURN.

MY PRINTOUT SEEMS TO BE ALL ON ONE LINE!

Run the **Setup Printer** routine, see page 5. Select ADD LINEFEED and change it to YES. Save and exit.

MY PRINTER PRINTS EVERY OTHER LINE.

Run **Setup Printer**. Select ADD LINEFEED and change it to NO. Save and exit.

MY PRINTER STARTS EACH LINE FURTHER & FURTHER LEFT.

Serial printers may encounter this problem. Run **Setup Printer**. Select DELAY. Use the left and right arrow keys to change the delay time. You might need to try different settings to fine tune your setup. Save and exit.

MY PRINTER BEGINS PRINTING BEFORE THE PRINTER HEAD RETURNS TO THE LEFT SIDE.

This happens with slower printers. Run **Setup Printer**. Select DELAY. Use the right and left arrow keys to change the delay time. You may need to try different settings to fine tune your setup. Save and exit.

Finally, if you are having problems after checking the manuals and symptoms listed above, please call us at (415) 546-1866. We'll be happy to help. Please call between 9am-5pm Pacific Standard Time.

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You may purchase one backup OR one replacement disk that is out of the warranty period for \$12.00. This charge includes shipping & handling, and is provided only to registered users of Designasaurus. For replacement disks, be sure to include your original disk. For a backup disk, please be sure to send in your warranty card at the same time.