

Natural Selection Series

Involve your students in the natural selection processes with this set of simulations.

Product Features

Easy to Use Graphical Interfaces	Full 32 Bit Windows Programming
Detailed Graphs and Data	Full Network Printing Support
Print Both Graphs and Data	Print the Full Screen for Reports
Website Providing Additional Experiments and Teaching Tips	Network Version Available

Grade Level

High School • College

Detailed Product Information:

Directly involve your students in the natural selection processes by allowing them to interact with this group of simulations. There are 3 products in this series: Frogs, Beetles, and Peppered Moths

Frogs:

Directly involve your students in the natural selection process by allowing them to prey on frogs of different colors, poison characteristics, and even mimics. Your students will gain a firsthand understanding of why green tree frogs are green, why brightly colored frogs survive, and the survival strategy of mimics. Population trends are observed and analyzed over 20 generations. Graph and data displays track population variations.

Beetles:

Involve your students in the predation process by allowing them to control predator diet ratios as well as the size and composition of the prey population. Students are able to apply selective pressure to a population and observe its effect on the proportions of differently colored beetles within a population. Population trends can be observed and analyzed over 20 generations. Graphs and data can be printed for later study.

Peppered Moths:

Your students will gain a firsthand understanding of why a population of light colored moths can be replaced by dark mutants as a result of environmental change. 'Smart Moth' behavior allows moths select the best place to rest. Population trends are observed and analyzed over 20 generations. Graph and data displays track population variations.

Tangent Scientific

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System Requirements:

Windows

Windows 3.1,95, 98 or later

486DX/66 MHz processor or better

8 MB RAM

256 color 800 x 600 SVGA monitor

2X CD-ROM drive

Suitable for Windows ME, NT, 2000 and most networks

List Price:

Natural Selection: 3 Title Set, WIN CD, Single User

Item: 99424001 Price: \$119.00

Natural Selection: 3 Title Set, WIN CD, 5 User

Item: 99424005 Price: \$239.00

Natural Selection: Frogs, WIN CD, Single User

Item: 99424201 Price: \$49.00

Natural Selection: Frog, WIN CD, 5 User

Item: 99424205 Price: \$99.00

Natural Selection: Beetles, WIN CD, Single User

Item: 99424101 Price: \$49.00

Natural Selection: Beetles, WIN CD, 5 User

Item: 99424105 Price: \$99.00

Natural Selection: Peppered Moths, WIN CD, Single User

Item: 99424301 Price: \$49.00

Natural Selection: Peppered Moths, WIN CD, 5 User

Item: 99424305 Price: \$99.00

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About Tangent

Ordering Information

Tangent Scientific accepts official purchase orders from recognized institutions. We require prepayment for individuals, home-schoolers, and businesses. You may place a purchase order with Tangent by e-mail, mail, fax, or telephone.

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For competitive product pricing on larger network, building, site or district licenses and custom software packages, please contact customer service by telephone or e-mail. Please be sure to include which product(s) you are interested in, and the number of users you wish to purchase.

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