# A database for the Devonian faunas of New York state

### Introduction

Over 150 years of research has generated a wealth of data concerning the Devonian taxa and biostratigraphy of New York. The use of this data has been hampered by its publication in a multiplicity of journals spanning many years. To address the lack of a comprehensive guide to the Devonian taxa and biostratigraphy of New York a database has been created which aggregates all taxonomic and biostratigraphic data in a single source.

### Data

### **Data sources**

Peer reviewed and non-peer reviewed literature

Monographs and other large format publications

Existing databases such as the Paleobiology Database Fieldguides

Published and unpublished master's theses and doctoral dissertations

### **Data integrity**

The sources for all taxonomic, stratigraphic and biogeographic data are documented on the Reference Form

A non-judgmental view is taken for the validity of taxonomic data. The taxonomy of a taxon is considered valid unless it is overridden by newer data

A non-judgmental view is taken for validity of all specimen identifications. The identification is considered valid unless overridden by newer data

A non-judgmental view is taken for the validity of all reported stratigraphic and biogeographic data. The reported data is considered valid unless it is overridden by newer data

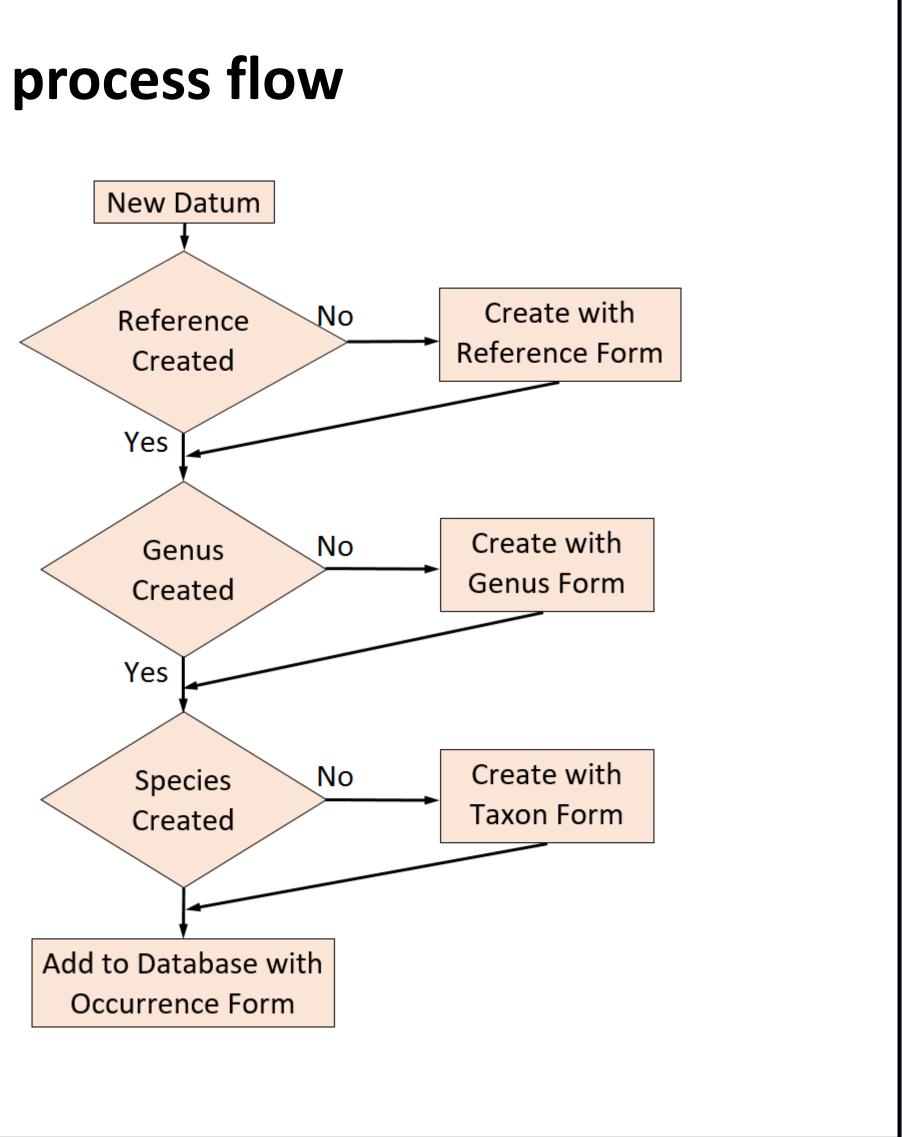
Modern stratigraphic nomenclature is used whenever possible. If conversion to newer nomenclature is not possible or at all uncertain, the older stratigraphic nomenclature contained in the reference is used

## **Daniel Krisher** DLKFossil@gmail.com

| Excel fil<br>DDBC fi<br>Text file<br>dBASE f<br>Text f | forms                                                                                     | Data       |          |
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| Author (s) vers //                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Reference form                                                                            |            |          |
| Palaobio DB Ref. 12049 Pages 11-32<br>Palaobio DB Ref. 12 (MA<br>Palaobio DB Collection E<br>Strategenetic<br>Dispegraphic Data: Uta Tretere<br>Dispegraphic References; 33<br>Dispects: References; 33<br>Dispects: State<br>Dispects: State<br>Dispect: State<br>Dispect                                                                                                                                                                                                          |                                                                                           |            |          |
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| zoa NA 52   Diagnostic References: [3]   a Diagnostic References: [3]   da Diagnostic Features:   Data is used fill   da Diagnostic Features:   Data is used fill ODEC fill Texon Name: Enallophrentis simplex:   is Subgenus:   subgenus: Species: [simplex:   Subgenus: Species: [simplex:   Subgenus: Species: [simplex:   Subgenus: Species: [simplex:   Subgenus: Variety Qualifier:   Yaidi Taxon Comments: - NY: [Was formerly Heterophrentis simplex per Ref. 33   ria Series:   Middle Devonian Location:   toostilla Stage:   Group: Hamilton   Comments: Na   Stage: Widdle Devonian   Location: Pan Didle East   Stage: Group:   Middle Devonian Location:   Location: Pan Didle East   Stage: Group:   Middle Devonian Location:   Location: Pan Didle East   Stage: Group:   Mombor: Windon   Comments: Ray View Coral Bed   Stage: Volt   PaleoBioDB Ref. #: 20   PaleoBioDB Ref. #: 20   Durnai: Journai:   Licrature Ref. #: 21   Title Regional Variation and Paleontology of Two Corals Beds in the Middle   PaleoBioDB Ref. #: 20   Licrature Ref. #: 20 <td>Taxa Description</td> <td></td>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Taxa Description                                                                          |            |          |
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| bzoa       Stage:       Givetian       Latitude:       42.77697         corallia       Group:       Hamilton       Longitude:       -78.83139         sa       Formation:       Moscow       7 1/2 Topo:       Buffalo SE         iida       Member:       Windom       County:       Erie County       Output of as:         iida       Member:       Bay View Coral Bed       State:       New York       as:       Dutput of as:         nophrentidae       Comments:       Bay View Coral Bed       State:       New York       as:       Excel file         Bio Db, Ref.33       Literature Ref. #:       25       Title:       Regional Variation and Paleontology of Two Corals Beds in the Middle<br>Devonian Hamilton Group of Western New York       ODBC file         Author(s):       Baird, Gordon C. and Carlton E. Brett       Date:       1983< Vol: 57<br>Pages:       dBASE file                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                           | Using ex   |          |
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| Member:       Windom       County:       Erie County         telasmatina       Comments:       Bay View Coral Bed       State:       New York       as:         nophrentidae       Comments:       Comments:       Comments:       Erie County       Erie County       Bas:       as:         nophrentidae       Comments:       Data Source       Excel file       Excel file       ODBC file         Bio Db, Ref.33       Literature Ref. #:       25       Title:       Regional Variation and Paleontology of Two Corals Beds in the Middle       ODBC file         PaleoBioDB Ref. #:       905       Devonian Hamilton Group of Western New York       Text file         Author(s):       Baird, Gordon C. and Carlton E. Brett       Date:       1983       Vol: 57         Journal:       Journal of Paleontology       Pages: (417 - 446       dBASE file                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                           | fields     |          |
| telasmatina Comments: Bay View Coral Bed State: New York as:   nophrentidae Comments: Comments: Excel file   Data Source Data Source ODBC file   Bio Db, Ref.33 Literature Ref. #: 25 Title:   Regional Variation and Paleontology of Two Corals Beds in the Middle ODBC file   PaleoBioDB Ref. #: 905 Devonian Hamilton Group of Western New York Text file   Author(s): Baird, Gordon C. and Carlton E. Brett Date: 1983   Journal: Journal of Paleontology Paleontology Pages:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                           | Output ca  |          |
| Bio Db, Ref.33       Literature Ref. #:       25       Title:       Regional Variation and Paleontology of Two Corals Beds in the Middle       ODBC file         PaleoBioDB Ref. #:       905       Devonian Hamilton Group of Western New York       Text file         Author(s):       Baird, Gordon C. and Carlton E. Brett       Date:       1983       Vol:       57         Journal:       Journal of Paleontology       Journal of Paleontology       Date:       1983       Vol:       57                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                           | -          |          |
| Bio Db, Ref.33       Literature Ref. #:       25       Title:       Regional Variation and Paleontology of Two Corals Beds in the Middle       Devonian Hamilton Group of Western New York       Text file         PaleoBioDB Ref. #:       905       Devonian Hamilton Group of Western New York       Date:       1983       Vol:       57         Journal:       Journal of Paleontology       Paleontology       Pages:       417 - 446       dBASE file                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Comments:                                                                                 | Excel file |          |
| Bio Db, Ref. 33       Literature Ref. #:       25       Title: Regional Variation and Paleontology of Two Corals Beds in the Middle         PaleoBioDB Ref. #:       905       Devonian Hamilton Group of Western New York       Text file         Author(s):       Baird, Gordon C. and Carlton E. Brett       Date:       1983       Vol:       57         Journal:       Journal of Paleontology       Journal of Paleontology       Pages:       417 - 446       dBASE file                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                           | ODBC file  |          |
| Author(s):       Baird, Gordon C. and Carlton E. Brett       Date:       1983       Vol:       57         Journal:       Journal of Paleontology       Pages:       417 - 446       dBASE fil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                           |            |          |
| Tugeo. HI/ Ho                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                           |            |          |
| PDF file                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Journal: Journal of Paleontology Pages: 417 - 446                                         | dBASE file |          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                           | PDF file   |          |

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| Reference form                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                 |
| Literature Ref. #: 33 Title: The Siphonophrentidae (Rugose Corals, Devonian) of Eastern North<br>America                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                 |
| Author (s): Oliver Jr., William A. Journal/Book: United States Geological Survey Bulletin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                 |
| Issued:       1992       Vol:       2024B       Pages:       B1 - B32         PaleoBio DB Ref. #:       NA       PaleoBio DB Collection #:       Image: Collection Collection #:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                 |
| Stratigraphic Data:     Data Entered       Taxonomic Data:     Data Entered                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                 |
| Biogeographic Data: Data Not Entered                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                 |
| Taxon form                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                 |
| Genus: Enallophrentis       Subgenus:       Species: simplex       Subspecies:       Variety         Taxon Status - NY: Valid       Taxon Comments - NY: New York specimens were Heterophrentis simplex per Ref. 33       Variety                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                 |
| Taxonomy       Taxa Description         Taxa Level 1: Cnidaria       Linsley 1994 Plate:       Wilson 2014 Page:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                 |
| Taxa Level 2:     Anthozoa       52                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                 |
| Taxa Level 3:       Hexacorallia       Diagnostic References:       33         Taxa Level 4:       Rugosa       Diagnostic Features:       33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Data                                                            |
| Taxa Level 5: Stauriida                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                 |
| Taxa Level 6:       Streptelasmatina         Taxa Level 7:       Siphonophrentidae                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Data is of existing                                             |
| Taxa Level 8:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                 |
| Taxa Level 9:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Excel file                                                      |
| Source:       PaleoBio Db         Comments:       Image: Comment state of the state of | ODBC fi                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Text file                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dBASE f                                                         |
| Dccurrence form                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                 |
| Record #: Taxon Name: Enallophrentis simplex                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                 |
| Genus:       Enallophrentis       Subgenus:       Species:       Subspecies:       Variety                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                 |
| Genus Qualifier:       Subspecies:       Variety Qualifier:         Genus Qualifier:       Subspecies:       Variety Qualifier:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Datak                                                           |
| Taxon Status - NY:       Valid       Taxon Comments - NY:       Was formerly Heterophrentis simplex per Ref. 33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                 |
| Taxon Status - NY: Valid       Taxon Comments - NY: Was formerly Heterophrentis simplex per Ref. 33         Taxonomy       Strata                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                 |
| Taxon Status - NY:       Valid       Taxon Comments - NY:       Was formerly Heterophrentis simplex per Ref. 33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                 |
| Taxon Status - NY: ValidTaxon Comments - NY: Was formerly Heterophrentis simplex per Ref. 33TaxonomyStrataTaxa Level 1: CnidariaSeries:Middle DevonianLocation:Penn Dixie EastTaxa Level 2: AnthozoaStage:GivetianLatitude:42.77697Taxa Level 3: HexacoralliaGroup:HamiltonLongitude:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | searche                                                         |
| Taxon Status - NY:       Valid       Taxon Comments - NY:       Was formerly Heterophrentis simplex per Ref. 33         Taxonomy       Strata       Location         Taxa Level 1:       Cnidaria       Series:       Middle Devonian       Location:       Penn Dixie East         Taxa Level 2:       Anthozoa       Stage:       Givetian       Latitude:       42.77697                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | searche<br>fields                                               |
| Taxon Status - NY: ValidTaxon Comments - NY: Was formerly Heterophrentis simplex per Ref. 33TaxonomyStrataLocationTaxa Level 1:CnidariaSeries:Middle DevonianLocation:Taxa Level 2:AnthozoaStage:GivetianLatitude:42.77697Taxa Level 3:HexacoralliaGroup:HamiltonLongitude:-78.83139Taxa Level 4:RugosaFormation:Moscow7 1/2 Topo:Buffalo SETaxa Level 5:StauriidaMember:WindomCounty:Erie CountyTaxa Level 6:StreptelasmatinaComments:Bay View Coral BedState:New York                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | searche<br>fields                                               |
| Taxon Status - NY:       Valid       Taxon Comments - NY:       Was formerly Heterophrentis simplex per Ref. 33         Taxonomy       Strata       Location         Taxa Level 1:       Cnidaria       Series:       Middle Devonian       Location:       Penn Dixie East         Taxa Level 2:       Anthozoa       Stage:       Givetian       Latitude:       42.77697         Taxa Level 3:       Hexacorallia       Group:       Hamilton       Longitude:       -78.83139         Taxa Level 4:       Rugosa       Formation:       Moscow       7 1/2 Topo:       Buffalo SE         Taxa Level 5:       Stauriida       Member:       Windom       County:       Erie County         Taxa Level 6:       Streptelasmatina       Comments:       Bay View Coral Bed       State:       New York         Taxa Level 7:       Siphonophrentidae       Comments:       Gouthere:       Comments:       Comments:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | searche<br>fields<br>Output c<br>as:                            |
| Taxon Status - NY: ValidTaxon Comments - NY: Was formerly Heterophrentis simplex per Ref. 33TaxonomyStrataLocationTaxa Level 1:CnidariaSeries:Middle DevonianLocation:Taxa Level 2:AnthozoaStage:GivetianLatitude:42.77697Taxa Level 3:HexacoralliaGroup:HamiltonLongitude:-78.83139Taxa Level 4:RugosaFormation:Moscow7 1/2 Topo:Buffalo SETaxa Level 5:StauriidaMember:WindomCounty:Erie CountyTaxa Level 6:StreptelasmatinaComments:Bay View Coral BedState:New York                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Output c<br>as:<br>Excel file                                   |
| Taxon Status - NY:       Valid       Taxon Comments - NY:       Was formerly Heterophrentis simplex per Ref. 33         Taxonomy       Strata       Location         Taxa Level 1:       Cnidaria       Series:       Middle Devonian         Taxa Level 2:       Anthozoa       Stage:       Givetian       Latitude:       42.77697         Taxa Level 3:       Hexacorallia       Group:       Hamilton       Longitude:       -78.83139         Taxa Level 4:       Rugosa       Formation:       Moscow       7 1/2 Topo:       Buffalo SE         Taxa Level 5:       Stauriida       Member:       Windom       County:       Erie County         Taxa Level 7:       Siphonophrentidae       Bay View Coral Bed       State:       New York         Taxa Level 8:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | searche<br>fields<br>Output c<br>as:<br>Excel file<br>ODBC file |
| Taxon Status - NY: Valid       Taxon Comments - NY: Was formerly Heterophrentis simplex per Ref. 33         Taxonomy       Strata         Taxa Level 1: Cnidaria       Series:         Middle Devonian       Location         Taxa Level 2: Anthozoa       Stage:         Group:       Hamilton         Longitude:       -78.83139         Taxa Level 4: Rugosa       Formation:         Moscow       7 1/2 Topo:         Buffalo SE         Taxa Level 5:       Stauriida         Member:       Windom         Comments:       Bay View Coral Bed         State:       New York         Taxa Level 8:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | searche<br>fields<br>Output c<br>as:<br>Excel file              |
| Taxon Status - NY:       Valid       Taxon Comments - NY:       Was formerly Heterophrentis simplex per Ref. 33         Taxonomy       Strata       Location         Taxa Level 1:       Cnidaria       Series:       Middle Devonian       Location:         Taxa Level 2:       Anthozoa       Stage:       Givetian       Latitude:       42.77697         Taxa Level 3:       Hexacorallia       Group:       Hamilton       Longitude:       -78.83139         Taxa Level 4:       Rugosa       Formation:       Moscow       7 1/2 Topo:       Buffalo SE         Taxa Level 5:       Stauriida       Member:       Windom       County:       Erie County         Taxa Level 6:       Streptelasmatina       Comments:       Bay View Coral Bed       State:       New York         Taxa Level 7:       Siphonophrentidae       Comments:       Data Source       Data Source         Taxa Level 9:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | searche<br>fields<br>Output c<br>as:<br>Excel file<br>ODBC file |

| Record #:       Taxon Name: Enallophrentis simplex         Genus: Enallophrentis       Subgenus:       Species: simplex | er:                                      |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--|--|--|
|                                                                                                                         | er:                                      |  |  |  |
|                                                                                                                         | er:                                      |  |  |  |
| Genus Qualifier: Subgenus Qualifier: Species Qualifier                                                                  |                                          |  |  |  |
| Taxon Status - NY:       Valid       Taxon Comments - NY:       Was formerly H                                          | Taxon Comments - NY: Was formerly Hetero |  |  |  |
| Taxonomy Strata                                                                                                         | Strata                                   |  |  |  |
| Taxa Level 1:       Cnidaria       Series:       Middle Devonian                                                        |                                          |  |  |  |
| Taxa Level 2:       Anthozoa       Stage:       Givetian                                                                |                                          |  |  |  |
| Taxa Level 3:     Hexacorallia     Group:     Hamilton                                                                  | Hamilton                                 |  |  |  |
| Taxa Level 4:       Rugosa       Formation:       Moscow                                                                | Moscow                                   |  |  |  |
| Taxa Level 5:     Stauriida     Member:     Windom                                                                      | Windom                                   |  |  |  |
| Taxa Level 6:         Streptelasmatina         Comments:         Bay View Coral Bed                                     | Bay View Coral Bed                       |  |  |  |
| Taxa Level 7: Siphonophrentidae                                                                                         |                                          |  |  |  |
| Taxa Level 8:                                                                                                           |                                          |  |  |  |
| Taxa Level 9:                                                                                                           |                                          |  |  |  |
| Source:         PaleoBio Db, Ref.33         Literature Ref. #:         25         Title: Re                             | giona                                    |  |  |  |
| Comments: PaleoBioDB Ref. #: 905                                                                                        | voni                                     |  |  |  |
| Author(s): Baird, Gordon C. and Carlton E                                                                               | . Bre                                    |  |  |  |
| Journal: Journal of Paleontology                                                                                        | Journal: Journal of Paleontology         |  |  |  |



### input methods

commonly entered manually using one of the input forms but can also be entered by:

- **I**P
- ile

### base search and output

xisting or custom forms the database can be ed using any data field or combination of data

can be by a custom report or data can be exported