

Musicians to Hull, June

- |     |                                  |      |                      |
|-----|----------------------------------|------|----------------------|
| 101 | Cucul Orth                       | June | modi                 |
| 2   | Orths, Eucum -                   |      | Delthyris?           |
| 3   | Ozma like                        |      |                      |
| 4   | Orths,                           |      |                      |
| 5   | Statica                          |      |                      |
| 6   | Orthoceras                       |      |                      |
| 7   | Tribita                          |      |                      |
| 8   | Terebratulac, deep furrow        |      |                      |
| 9   | do fine striae                   |      |                      |
| 10  | do orbicular                     | 21   | Orths                |
| 11  | Arceuthone                       | 22   | Turridella           |
| 12  | Buccinum                         | 23   | Broad Modi<br>or Mya |
| 13  | Delthyris                        | 24   | Broad Mya            |
| 14  | Orthoceras like <del>above</del> | 25   | Orths                |
| 15  | Littorina                        | 26   | large sp of 14       |
| 16  | near of Tribita                  | 27   | varieties            |
| 17  | Flat shell with tunnel           |      | (10)                 |
| 18  | Modiola                          | 28   | various              |
| 19  | Producta                         | 29   | same as 23           |
| 20  | round Buccina                    | 30   | small Bucc           |

Albany June 30 1889

J. W. Dawson Esq.

Dear Sir,

I have regretted  
your kind favor longer than I intended  
but being in the midst of printing a Vol.  
Expanding &c I have little time at  
my disposal -

The specimens you sent me  
seem in my opinion to belong to the  
age of the Hamilton Chemung groups  
of N.Y. - probably you have the  
two in an inseparable condition  
while with us they are quite distinct.  
I regret that I cannot give you more  
definite and positive information in  
regard to the fossils, but I am now  
engaged in the investigation of other  
specimens from lower rocks and it  
would require considerable time  
to make the comparison in a manner  
to be satisfactory to myself. I give  
you the information I have and when  
I take up the investigation of our  
higher groups I will make a careful  
comparison - In the mean time  
perhaps you will favor me with  
other specimens -

- Nos 1 & 2 Tail of orthoceras - Orthis, Chonetes  
 of the age of Chemung;  
 3. Avicula; fragment -  
 4 Chonetes -  
 5 Meristomaria - Hamilton age?  
 6 Orthoceras - 7. tail of orthoceras, Chonetes  
 8. (specimen in fragments) Tail of unknown  
 trilobite - cast of Leptaena carinata - the  
 Orthis carinata of Sharpe. <sup>predep (1847)</sup> Geol. ~~Mag.~~ p. 174  
 9. Cast of Orthis of NO. Orthis in perfect.  
 11 Avicula Boydie?  
 12 Meristomaria - ?  
 13 Sclerites - cast - imperfect  
 14 impressions of Trilobites, casts of  
 Orthis &  
 15 Meristomaria - small - Hamilton age  
 16 Portion of Caudal shield of trilobite  
 17 Mucula - (M. bellatula?)  
 18 Mucula oblonga  
 19 Leptaena depressa & Chonetes  
 20 Lingula?  
 21 Chonetes - same as 1 & 2  
 22 Saxonema  
 23 Mucula bellatula - Hamilton  
 24 Chonetes 25 Chonetes  
 26 - Fragments of Orthis & Sclerites.  
 Crinoidal joints and a fragment  
 of what appears to be an orthoceras.  
 27 Fragments & casts of Sclerites, Orthis &

28 Orthis, Chonetes, &c

29 Nucula bellatula

30 Orthis, Chonetes, &c - as 28

(N.B. There was no specimen marked 23, and there was one without a mark which I have marked 23.

It is a thin greenish shale -

I am aware that this list is very unsatisfactory - but the longer I study these fossils, the more I see the necessity of long study and comparison of species before deciding positively - The science of Palaeontology, is made worse than useless by the practice of giving names or identifying species with little or no care - I shall be happy, at any time to give you any information I possess in regard to these or other fossils.

I regret that I could not see you when in N.Y. last year - I went then sick & very much prostrated in health, and our party were very much disappointed in not being able to make the arrangements we had anticipated - I had anticipated the pleasure of seeing you, but I was compelled to content myself with a ride to Windsor & back before the steamer left -

Should you be in N York or Albany

I hope you will visit me - Will  
you not attend our meeting at Cambridge  
this year the 14<sup>th</sup> of Aug<sup>r</sup>. This point is  
very acceptable to you - we shall all  
be happy to see you & will engage that  
you have a hearty welcome -

I am very sincerely yours  
James Hall

Dr. Hall  
James H. G.  
S. W. Johnson