Table S1. Table summarizing the localities with fossil record of *Thaumastosaurus* and Ranidae / *Rana* sp. / ? *Rana* sp. Abbreviations: cor, coracoid; hum, humerus; il, ilium; svert, sacral vertebra; psvert, praesacral vertebra, T, Thaumastosaurus, R, Ranidae / *Rana* sp. / ? *Rana* sp. The localities (22-24) studied in the present paper are in bold.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| nr. |  |  |  |  | T | R | *Thaumatosaurus* | Ranidae / *Rana* sp. / ? *Rana* sp. |
|  | Locality | country | age | reference |  |  | species | element | il | figured | reference |  | element | il | figured | reference |
| 1 | Quercy Phosphorite | France | MP15-MP19(MP20?) | 1 |  |  | *gezei*, sp.  | skull | - | Figs 1, 2 | 1 | - | - | - | - | 2 |
| 2 | Escamps | France | MP19 | 3 |  |  | *bottii* | - | - | - | 4,5 | + | - | - | - | 5,6 |
| 3 | Rosières 1 | France | MP19 | 3 |  |  | - |  | - |  |  | + | - | - | - | 5,6 |
| 4 | Coânac 1 | France | MP19 | 3 |  |  | *bottii* | - | - | - | 4,5 | + | - | - | - | 5,6 |
| 5 | Rosières 2 | France | MP19 | 3 |  |  | *bottii*, sp. | - | - | Fig. 4 | 1,4,5 | + | - | - | - | 5 |
| 6 | Sindou D | France | MP19 | 3 |  |  | *bottii* | - | - | - | 4,5 | + | - | - | - | 5,6 |
| 7 | Sainte-Néboule | France | MP18 | 3 |  |  | *bottii* | - | - | - | 4,5 | ?+ | 1 il | + | - | 5,6 |
| 8 | Monteils | France | MP18 | 7 |  |  | cf. *bottii* | ? | ? | - | 7 | + | ? | ? | - | 7 |
| 9 | Cregols | France | MP18 | 1 |  |  | sp. | + | - | Fig. 4 | 1 | - | - | - | - | - |
| 10 | Perrière | France | MP17b | 3 |  |  | *bottii* | - | - |  | 4,5 | + | 1 il | + | Fig. 2B | 5,6 |
| 11 | Malpérié | France | MP17b | 3 |  |  | ? *bottii* | - | - |  | 4 | + | 1 hum | - | - | 5,6 |
| 12 | Aubrelong 2 | France | MP17a | 3 |  |  | ? *bottii* |  |  |  | 4 | + | 1 svert | - | - | 5,6 |
| 13 | La Bouffie | France | MP17a | 3 |  |  | *bottii* |  |  |  | 4 | + | 1 hum, 1psvert | - | Fig. 1 | 5,6 |
| 14 | Lebratières 1 | France | MP17a | 3 |  |  | - | - | - | - | - | + | 1 svert | - | - | 5,6 |
| 15 | Southwest Headon Hill (=Headon Hill 3) | England | MP17a | 8 |  |  | *walti* | skull elem. | + | Figs 1, 2, 6 | 8 | - | - | - | - |  |
|  |  | England | MP17a | 9 |  |  | *sulcatus* | skull elem. | - | - | 9 | - | - | - | - | - |
| 16 | Rodent bed, Hordle Cliff locality | England | MP17a | 9 |  |  | *sulcatus* | - | - | Fig. 2 | 9 | - | - | - | - | - |
|  |  | England | MP17a | 8 |  |  | *walti* | skull elem. | + | Figs 3-5 | 8 | - | - | - | - | - |
| 17 | Mammal bed, Hordle Cliff locality | England | MP17a | 9 |  |  | *sulcatus* | skull | - | Fig. 1 | 9 | + | 1 il | + | Fig. 1 | 10 |
| 18 | Quercy Phosphorite | France | MP17? | 11 |  |  | *gezei* (Mummy) | skull, trunk | - | + | 11 | - | - | - | - | - |
| 19 | Le Bretou12 | France | MP16 | 3 |  |  | sp.  | skull |  | Fig. 3 | 1 | - | - | - | - | - |
| 20 | Lavergne | France | MP16 | 3 |  |  |  | - | - | - | - | + | 1 VIII vert, 1 svert, 1 cor, 1 hum, 2 il | + | Fig. 2A, 2C-E  | 5,6 |
| 21 | Grisolles | France | MP16 | 3 |  |  | - | - |  | - | - | + | 2 hum, 3 il | + | Fig. 1B-D  | 6 |
| **22** | **Verrerie de Roches** | Switzerland | MP16 | 13 |  |  | *bottii* | see material |  |  | present study | + | see material |  |  | present study |
| **23** | **Les Alleveys** | Switzerland | MP16 | 14,15 |  |  | *bottii* | see material |  | **-** | present study | + | see material | - | - | present study |
| **24** | **Dielsdorf 1, 2, A, ?** | Switzerland | MP16-MP20 | 16 |  |  | sp. | see material |  |  | present study | + | see material |  |  | present study |

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