**DINOSAURS**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Dinosaur** | **Year** | **Length** | **Status** | **Author** | **Weight** | **ESR** | **Area** | **Country** | **Region** | **Formation** | **Time Period** | **Clade 1** | **Clade 2** |
| Aardonyx celestae | 2009 | 8.7 m | valid | Yates et al. | 1.7 t | 3 | Africa | South Africa | Free State | Upper Elliot | Early Jurassic | Dinosauria | Saurischia |
| “Abdallahsaurus” | 2003 | 14 m | nomen nudum > Giraffatitan Brancai | Maier | 8.5 t | 2 | Africa | Tanzania | - | Tendaguru | Late Jurassic | Dinosauria | Saurischia |
| Abrictosaurus consors | 1975 | 0.9 m | valid | Hopson | 0.8 kg | 2 | Africa | Lesotho | Qacha’s Nek | Upper Elliot | Early Jurassic | Dinosauria | Ornithischia |
| Abrosaurus dongpoi | 1989 | 9.5 m | valid | Ouyang | 4.1 t | 1.5 | Asia | China | Sichuan | Lower Shaximiao | Middle Jurassic | Dinosauria | Saurischia |
| Tyrannosaurus Rex | 1905 | 12.8 m | valid | Osborn | 9.5 t | 4 | North America | USA | South Dakota | Hell Creek | Late Cretaceous | Dinosauria | Saurischia |
| Pterodactyl | 1784 | 1.83 m | valid | Haldar | 0.25 t | 1 | Europe | Germany | Solnhofen limestone | Bavaria | Late Cretaceous | Dinosauria | pterosaur |
| Abydosaurus mcintoshi | 2010 | 20 m | valid | Chure et al. | 26 t | 3 | North America | USA | Utah | Cedar Mountain | Late Cretaceous | Dinosauria | Saurischia |

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| **DinoData** | | | | | | **OccuranceData** | | **PlaceData** | | | **TimeData** | | |
| **Dinosaur** | **Year** | **Length** | **Status** | **Author** | **Weight** | **ESR** | **Area** | **Country** | **Region** | **Formation** | **Time Period** | **Clade 1** | **Clade 2** |
| Aardonyx celestae | 2009 | 8.7 m | valid | Yates et al. | 1.7 t | 3 | Africa | South Africa | Free State | Upper Elliot | Early Jurassic | Dinosauria | Saurischia |
| “Abdallahsaurus” | 2003 | 14 m | nomen nudum > Giraffatitan Brancai | Maier | 8.5 t | 2 | Africa | Tanzania | - | Tendaguru | Late Jurassic | Dinosauria | Saurischia |
| Abrictosaurus consors | 1975 | 0.9 m | valid | Hopson | 0.8 kg | 2 | Africa | Lesotho | Qacha’s Nek | Upper Elliot | Early Jurassic | Dinosauria | Ornithischia |
| Abrosaurus dongpoi | 1989 | 9.5 m | valid | Ouyang | 4.1 t | 1.5 | Asia | China | Sichuan | Lower Shaximiao | Middle Jurassic | Dinosauria | Saurischia |
| Tyrannosaurus Rex | 1905 | 12.8 m | valid | Osborn | 9.5 t | 4 | North America | USA | South Dakota | Hell Creek | Late Cretaceous | Dinosauria | Saurischia |
| Pterodactyl | 1784 | 1.83 m | valid | Haldar | 0.25 t | 1 | Europe | Germany | Solnhofen limestone | Bavaria | Late Cretaceous | Dinosauria | pterosaur |
| Abydosaurus mcintoshi | 2010 | 20 m | valid | Chure et al. | 26 t | 3 | North America | USA | Utah | Cedar Mountain | Late Cretaceous | Dinosauria | Saurischia |

**1st Normal Form**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DinoData** | | | | | |
| **Dinosaur** | **Year** | **Length** | **Status** | **Author** | **Weight** |
| Aardonyx celestae | 2009 | 8.7 m | valid | Yates et al. | 1.7 t |
| “Abdallahsaurus” | 2003 | 14 m | nomen nudum > Giraffatitan Brancai | Maier | 8.5 t |
| Abrictosaurus consors | 1975 | 0.9 m | valid | Hopson | 0.8 kg |
| Abrosaurus dongpoi | 1989 | 9.5 m | valid | Ouyang | 4.1 t |
| Tyrannosaurus Rex | 1905 | 12.8 m | valid | Osborn | 9.5 t |
| Pterodactyl | 1784 | 1.83 m | valid | Haldar | 0.25 t |
| Abydosaurus mcintoshi | 2010 | 20 m | valid | Chure et al. | 26 t |

**2nd Normal Form**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **DinoData** |  |  |  |  |  |  |
| **Dino\_ID** | **Dinosaur** | **Year** | **Length** | **Status** | **Author** | **Weight** |
| 001 | Aardonyx celestae | 2009 | 8.7 m | valid | Yates et al. | 1.7 t |
| 002 | “Abdallahsaurus” | 2003 | 14 m | nomen nudum > Giraffatitan Brancai | Maier | 8.5 t |
| 003 | Abrictosaurus consors | 1975 | 0.9 m | valid | Hopson | 0.8 kg |
| 004 | Abrosaurus dongpoi | 1989 | 9.5 m | valid | Ouyang | 4.1 t |
| 005 | Tyrannosaurus Rex | 1905 | 12.8 m | valid | Osborn | 9.5 t |
| 006 | Pterodactyl | 1784 | 1.83 m | valid | Haldar | 0.25 t |
| 007 | Abydosaurus mcintoshi | 2010 | 20 m | valid | Chure et al. | 26 t |

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| --- | --- | --- |
| **OccuranceData** |  | |
| **Ocu\_ID** | **ESR** | **Area** |
| 01 | 3 | Africa |
| 02 | 2 | Africa |
| 03 | 1.5 | Asia |
| 04 | 4 | North America |
| 05 | 1 | Europe |
| 06 | 3 | North America |

**3rd Normal Form**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Dino\_ID** | **Dinosaur** | **Year** | **Length** | **Status** | **Author** | **Weight** |
| 001 | Aardonyx celestae | 2009 | 8.7 m | valid | Yates et al. | 1.7 t |
| 002 | “Abdallahsaurus” | 2003 | 14 m | nomen nudum > Giraffatitan Brancai | Maier | 8.5 t |
| 003 | Abrictosaurus consors | 1975 | 0.9 m | valid | Hopson | 0.8 kg |
| 004 | Abrosaurus dongpoi | 1989 | 9.5 m | valid | Ouyang | 4.1 t |
| 005 | Tyrannosaurus Rex | 1905 | 12.8 m | valid | Osborn | 9.5 t |
| 006 | Pterodactyl | 1784 | 1.83 m | valid | Haldar | 0.25 t |
| 007 | Abydosaurus mcintoshi | 2010 | 20 m | valid | Chure et al. | 26 t |

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| --- | --- | --- | --- |
| **PlaceData** |  |  |  |
| **C\_ID** | **Country** | **Region** | **Formation** |
| C1 | South Africa | Free State | Upper Elliot |
| C2 | Tanzania | - | Tendaguru |
| C3 | Lesotho | Qacha’s Nek | Upper Elliot |
| C4 | China | Sichuan | Lower Shaximiao |
| C5 | USA | South Dakota | Hell Creek |
| C6 | Germany | Solnhofen limestone | Bavaria |
| C7 | USA | Utah | Cedar Mountain |

|  |  |
| --- | --- |
| **TimeData** |  |
| **T\_ID** | **Time 1** |
| T1 | Early Jurassic |
| T2 | Late Jurassic |
| T3 | Middle Jurassic |
| T4 | Late Cretaceous |

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| --- | --- | --- |
| **Clade\_ID** | **Clade 1** | **Clade 2** |
| 1 | Dinosauria | Saurischia |
| 2 | Dinosauria | Ornithischia |
| 3 | Dinosauria | pterosaur |

**CladeData**