**Table 2:** Foraminiferal distribution in studied samples

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **Eocene** | *Acarinina alticonica* | *Acarinina bullbrooki* | *Acarinina coalingensis* | *Acarinina collactea* | *Acarinina cuneicamerata* | *Acarinina pentacamerata* | *Acarinina primitiva* | *Acarinina pseudotopilensis* | *Acarinina punctocarinata* | *Acarinina quetra* | *Acarinina rohri* | *Acarinina soldadoensis* | *Acarinina topilensis* | *Catapsydrax unicavus* | *Globigerina officinalis* | *Globigerinatheka sp.* | *Globigerinatheka index* | *Globigerinatheka subconglobata* | *Globorotaloides eovariabilis* | *Globorotaloides suteri* | *Globoturborotalita bassriverensis* | *Hantkenina dumblei* | *Igorina broedermanni* | *Morozovella aragonensis* | *Morozovelloides crassatus* | *Morozovella lensiformis* | *Paragloborotalia nana* | *Parasubbotina inaequispira* | *Parasubbotina varianta* | *Praemurica lozanoi* | *Pseudohastigerina micra* |
| Age range |  |  |  | E4-E7b | E7-E11 | P4c-E7a | E7a-E15 | E7-E8 | E5-E7b | E6-E13 | E1-E7b | E7a-E11 | E3-E6 | E10-E13 | P4c-E7b | E10-E12 | E2-M3 | E10-M2 | E7a-E13 | E9-E15 | E6-E13 | E7a-O1 | E1-M11 | E1-E10 | E9-E13 | P5-E9 | E5-E9 | E7b-E13 | E4-E6 | E7a-M5 | E1-E8 | P1c-E10 | E5-E10 | E7a-O1 |
| Voirons flysch | Voirons Sandstone Fm. | LMO052 |  |  | × |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | LMO015 |  |  | × | × |  |  | × | × |  |  | × |  | × |  |  |  |  |  |  |  |  |  |  |  |  | × |  |  |  |  |  |  |
|  |  | LMO042 |  |  | × |  |  |  | × | × | × |  |  |  |  |  |  |  |  |  |  |  |  |  |  | × |  |  |  |  | × |  |  |  |
|  | Vouan Conglomerate Fm. | LMO053 |  |  | × |  |  |  | × | × |  |  |  |  |  |  |  |  |  |  | × |  |  |  |  | × | × |  |  |  | × |  |  |  |
|  |  | LMO056 |  |  | × |  | × |  | × | cf |  |  |  |  |  |  | × | × |  |  |  |  |  |  |  |  |  |  |  | × |  |  |  |  |
|  |  | LOM059 |  |  | × |  |  |  |  |  |  |  |  |  |  |  | × |  |  | × |  |  |  |  |  |  |  |  |  | × |  |  |  |  |
|  |  | LMO060 |  |  |  |  | × |  |  |  |  |  |  |  |  |  |  |  |  |  | ? |  |  |  | × |  |  |  |  |  |  |  |  | × |
|  |  | GF269 |  | × | ? |  |  | × | × |  |  |  |  |  | × |  |  |  |  |  |  |  |  | × |  | × |  |  |  |  |  | × |  |  |
|  |  | LMO289 |  |  | × |  |  | × |  |  |  | × |  | × | × | × |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | GF347 |  |  | × |  |  |  | × |  |  | × |  |  |  | × | × |  |  |  |  |  | × | × |  | × |  |  |  | × |  |  |  |  |
|  | Boëge Marl Fm. | LMO292 |  |  |  |  |  |  | × |  |  |  |  |  |  |  | × |  |  |  |  | × |  | × |  |  |  |  | × | × |  |  |  |  |
|  |  | LMO135 |  |  | × |  |  |  | × |  | × |  |  |  |  |  | × |  |  | × |  |  | × | × |  |  |  |  |  | × |  | × | × |  |
| Gurnigel flysch | Flysch 3 | JR377 |  |  | × |  |  | × | × | × |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | × |  |  |  |  |  |  |  |  |
|  |  | JR378 |  |  | × |  |  | × |  | × |  |  |  |  |  |  |  |  | × |  |  |  |  | × |  |  |  |  |  |  |  |  |  |  |
|  | Flysch 4 | NPK317 |  |  | × |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | *Pseudohastigerina wilcoxensis* | *Subbotina angiporoides* | *Subbotina eocaena* | *Subbotina hornibrooki* | *Subbotina linaperta* | *Subbotina patagonica* | *Subbotina senni* | *Subbotina utilisindex* | *Truncorotaloides sp.* | *Turborotalia cerroazulensis* | *Turborotalia frontosa* | *Turborotalia pomeroli* | *Turborotalia possagnoensis* | **Late Paleocene** | *Acarinina subsphaerica* | *Globanomalina planoconica* | *Globanomalina pseudomenardii* | *Igorina albeari* | *Igorina tadjikistanensis* | *Morozovella apanthesma* | **Late Cretaceous** | *Globigerinelloides prairiehillensis* | *Globotruncana sp.* | *Globotruncana arca* | *Globotruncanella petaloidea* | *Hedbergella sp.* | *Rugotruncana sp.* |
| Age range |  |  | E2-E10 | E11-O4 | E8-O1 | P5-E4 | E5-E16 | P4b-E8 | E6-E13 | E10-O2 |  | E11-E16 | E7b-E11 | E10-E15 | E9-E11 |  | P4a-E3 | P4c-E6 | P4a-P4c | P3b-P4c | P3b-E2 | P3b-E2 |  |  |  |  |  |  |  |
| Voirons flysch | Voirons Sandstone Fm. | LMO052 |  |  |  |  | × |  |  |  |  |  |  |  |  |  |  |  | × |  |  | × |  |  |  |  |  |  |  |
|  |  | LMO015 |  |  |  |  | × |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | × |  |  |  |  |  |
|  |  | LMO042 |  |  | × | × | × |  |  |  |  |  | × |  |  |  | × |  |  | × | × |  |  | × | × |  | × |  | × |
|  | Vouan Conglomerate Fm. | LMO053 |  |  | × |  |  |  | × | × | × |  | × |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | × |
|  |  | LMO056 |  |  |  |  | × |  | × | × |  | × |  | × | × |  |  | × |  |  |  |  |  |  |  |  |  |  |  |
|  |  | LOM059 | × | × |  |  | × |  |  | × |  | × |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | LMO060 | × | × | × |  | × |  | × |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | GF269 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | LMO289 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | GF347 |  |  |  |  |  |  |  |  |  |  | × |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Boëge Marl Fm. | LMO292 | × | × |  |  | × | × |  |  |  | × | × | × |  |  |  |  |  |  |  |  |  | × | × |  |  | × |  |
|  |  | LMO135 |  | × |  |  | × |  |  |  |  | × | × | cf | × |  |  |  |  |  |  |  |  |  | × |  |  |  |  |
| Gurnigel flysch | Flysch 3 | JR377 |  |  |  |  | × |  |  |  |  |  | × |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | JR378 |  |  |  |  | × | × |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Flysch 4 | NPK317 |  |  |  |  | × |  |  |  |  |  | × |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |