

Tertiary anuran assemblages of Europe

Localities are listed according to their geological age; those of the same age are ordered according to their geographic position (from the west to the east).

Abbreviations of taxa:

Alb – *Albionbatrachus* sp., *Albionbatrachus wightensis*,
Albionbatrachus cf. *wightensis*
Alyt sp. – *Alytes* sp., cf. *Alytes*
Bo sp. – *Bombina* sp.
Bo bo – *Bombina bombina*, *Bombina (bombina)* sp.
Bo va – *Bombina variegata*
B ? – Bufonidae indet.
Buf sp. – *Bufo* sp.
Buf buf – *Bufo bufo*, *Bufo* cf. *B. bufo*
Buf cal – *Bufo calamita*, *Bufo* aff. *B. calamita*
Buf ges – *Bufo* (= *Palaeophrynus*) *gessneri*
Buf pri – *Bufo priscus*, *Bufo* cf. *B. priscus*
Buf rad – *Bufo raddei*
Buf viri – *Bufo viridis*, *Bufo* cf. *B. viridis*, *Bufo* aff. *B. viridis*, *Bufo (viridis)* sp.
D? – Discoglossidae indet., Discoglossinae indet.
Dis sp. – *Discoglossus* sp., cf. *Discoglossus*
Dis tro – *Discoglossus troscheli*
Eo sp. – *Eopelobates* sp., cf. *Eopelobates*
Eo ant – *Eopelobates anthracinus*
Eo bay – *Eopelobates bayeri*, *Eopelobates* aff. *E. bayeri*
Eo hin – *Eopelobates hinschei*, *Eopelobates* aff. *E. hinschei*

Eo wa – *Eopelobates wagneri*
Hyl arb – *Hyla arborea*, *Hyla (arborea)* sp.
Hyl sp. – *Hyla* sp., cf. *Hyla*
Lat sp. – *Latonia* sp., cf. *Latonia*
Lat gig – *Latonia gigantea*, *Latonia* cf. *gigantea*
Lat rag – *Latonia ragei*, *Latonia* cf. *ragei*
Lat sey – *Latonia seyfriedi*
Lat ver – *Latonia vertaizoni*, *Latonia* aff. *L. vertaizoni*
Lut – *Lutetiobatrachus gracilis* (Anura inc. sedis)
M? – Microhylidae indet.
Me tob – *Messelobatrachus tobieni*
Opi hes – *Opisthocoellelus hessi*
Opi wei – *Opisthocoellelus weigelti*
P? – Pelobatidae indet.
Pal ? – Palaeobatrachidae indet.
Pal sp. – *Palaeobatrachus* sp., cf. *Palaeobatrachus*
Pal dil – *Palaeobatrachus diluvianus*, *Palaeobatrachus* cf. *diluvianus*
Pal gra – *Palaeobatrachus grandipes*, *Paleobatrachus* cf. *grandipes*
Pal lue – *Palaeobatrachus luedeckei*
Pld sp. – *Pelodytes* sp., cf. *Pelodytes*
Pel sp. – *Pelobates* sp.

Pel cul – *Pelobates cultripes*, *Pelobates* cf. *cultripes*
Pel de – *Pelobates decheni*
Pel fus – *Pelobates fuscus*, *Pelobates* cf. *fuscus*
Pel syr – *Pelobates* cf. *syriacus*
Pld are – *Pelodytes* cf. *arevacus*
Pld pu – *Pelodytes punctatus*, *Pelodytes* cf. *punctatus*
Pld sp. – *Pelodytes* sp., cf. *Pelodytes*
Pli sp. – *Pliobatrachus* sp., *Pliobatrachus langhae*,
Pliobatrachus cf. *langhae*
R? – Ranidae indet.,
Ra arv – *Rana arvalis*, *Rana* cf. *arvalis*
Ra sp. – *Rana* sp., *Ranomorphus similis**
Ra da – *Rana dalmatina*
Ra esc – *Rana esculenta*
Ra lat – *Rana latastei*, *Rana* cf. *latastei*
Ra les – *Rana lessonae*
Ra ma – *Rana macrocnemis*
Ra pe – *Rana* cf. *perezi*
Ra rid – *Rana ridibunda*, *Rana (ridibunda)* sp.,
Ra str – *Rana strausi*
Ra te – *Rana temporaria*, *Rana (temporaria)* sp.
Rh ? – Rhacophoridae indet.
Th – cf. *Thaumastosaurus*, *Thaumastosaurus bottii*,
Leptodactylidae indet.

Note that **Pal ?** marked by □ in Laugnac means *Palaeobatrachus robustus* described by Hossini and Rage (2000) and that *Thaumastosaurus* from Grisolles and Prémontré, also marked by □, actually means Leptodactylidae indet.

* Sanchíz (1998a) regarded *Ranomorphus* as a possible representative of the Rhacophoridae but we consider it a synonym of *Rana*.

