

I.3) Geographical and taxonomic coverage

SonoChiro® currently covers **31 of the 39 European species** (cf. list below). The learning process of the software has been performed on several millions of calls, recorded all over Europe, from Lithuania to Spain and from Serbia to Ireland, with a minimum of 1000 calls for each considered species.

Code	Scientific name	English name
Barbar	<i>Barbastella barbastellus</i>	Barbastelle
Eptnil	<i>Eptesicus nilssonii</i>	Northern Bat
Eptser	<i>Eptesicus serotinus</i>	Serotine
Hypsav	<i>Hypsugo savii</i>	Savi's Pipistrelle
Minsch	<i>Miniopterus schreibersii</i>	Bent-wing Bat
Myoalc	<i>Myotis alcathoe</i>	Alcathoe Bat
Myobec	<i>Myotis bechsteinii</i>	Bechstein's Bat
Myobly	<i>Myotis blythii</i>	Lesser Mouse-eared Bat
Myobra	<i>Myotis brandtii</i>	Brandt's Bat
Myocap	<i>Myotis capaccinii</i>	Long-fingered Bat
Myodas	<i>Myotis dasycneme</i>	Pond Bat
Myodau	<i>Myotis daubentonii</i>	Daubenton's Bat
Myoema	<i>Myotis emarginatus</i>	Geoffroy's Bat
Myomyo	<i>Myotis myotis</i>	Greater Mouse-eared Bat
Myomys	<i>Myotis mystacinus</i>	Whiskered Bat
Myonat	<i>Myotis nattereri 'sensu stricto'</i>	« Northern » Natterer's Bat
MyospA	<i>Myotis cf. nattereri sp. A</i>	« Southern » Natterer's Bat
Nyclas	<i>Nyctalus lasiopterus</i>	Greater Noctule
Nyclei	<i>Nyctalus leisleri</i>	Lesser Noctule
Nycnoc	<i>Nyctalus noctula</i>	Common Noctule
Pipkuh	<i>Pipistrellus kuhlii</i>	Kuhl's Pipistrelle
Pipnat	<i>Pipistrellus nathusii</i>	Nathusius' Pipistrelle
PippiM	<i>Pipistrellus pipistrellus</i>	Common Pipistrelle 'Mediterranean type'
PippiT	<i>Pipistrellus pipistrellus</i>	Common Pipistrelle 'Temperate type'
Pippyg	<i>Pipistrellus pygmaeus</i>	Soprano Pipistrelle
Pleaur	<i>Plecotus auritus</i>	Common Long-eared Bat
Pleaus	<i>Plecotus austriacus</i>	Grey Long-eared Bat
Plemac	<i>Plecotus macrobullaris</i>	Alpine Long-eared Bat
Rhieur	<i>Rhinolophus euryale</i>	Mediterranean Horseshoe Bat
Rhifer	<i>Rhinolophus ferrumequinum</i>	Greater Horseshoe Bat
Rhihip	<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat
Tadten	<i>Tadarida teniotis</i>	European Free-tailed Bat
Vesmur	<i>Vespertilio murinus</i>	Parti-coloured Bat

List of species covered by SonoChiro®. Details: species code used by the software and corresponding scientific names and English names.

You'll notice that the list contain 33 entities for 31 species. Two taxa, each usually considered as a single species, has indeed been splitted in two entities, on the basis of recent publications for Natterer's Bat (Puechmaille et al. 2011 ; Salcini et al. 2011) and on the basis of noticeable differences in calls for the Common Pipistrelle, between individuals from the Mediterranean Basin and those from temperate regions.