

Hegedúšová K., Žarnovičan H., Kanka R., Šuvada R., Kollár J., Galvánek D. & Roleček J. (2021) Thermophilous oak forests in Slovakia: vegetation classification and an expert system. – *Preslia* 93: 89–123.

Electronic Appendix 7. Formal definitions for the associations of thermophilous oak forests in Slovakia.

QPP01 *Lithospermo purpurocaerulei-Quercetum pubescentis*

<### *Quercus pubescens*>AND<### *Erysimum odoratum*>

QPP02 *Seslerio albicantis-Quercetum pubescentis*

(<### *Quercus pubescens*>AND<### *Sesleria albicans*>)NOT<### *Erysimum odoratum*>

QPP03 *Fraxino orni-Quercetum pubescentis*

((<### *Quercus pubescens*>OR<#03 *Quercus cerris*>)AND<#02 *Poa scabra*>)NOT<### *Erysimum odoratum*>

QPP04 *Euphorbio-Quercetum*

((<### *Quercus pubescens*>OR<*Quercus pubescens* agg.UP10>)OR(<*Quercus petraea* agg.UP10>AND<### *Dictamnus albus*>))AND((((((((<### *Dictamnus albus*>OR<### *Vincetoxicum hirundinaria*>)AND((<### *Galium odoratum*>OR<### *Galium schultesii*>)OR<### *Mercurialis perennis*>))NOT<### *Erysimum odoratum*>)NOT<### *Galium glaucum*>)NOT<### *Sesleria albicans*>)NOT<#02 *Poa scabra*>)NOT<#02 *Pulmonaria mollis*>)NOT<#02 *Polygonatum latifolium*>)NOT<### *Linaria genistifolia*>)NOT<### *Hieracium murorum*>)NOT<### *Luzula luzuloides*>)NOT<*Poa nemoralis*UP05>)

ATQ01 *Quercetum pubescenti-roboris*

((((((<### *Quercus pubescens*>OR<#03 *Quercus cerris*>)OR<*Quercus pubescens* agg.UP10>)OR<*Quercus cerris*UP10>)OR<*Quercus robur* agg.UP10>)AND(<#02 *Polygonatum latifolium*>AND(<### *Phlomis tuberosa*>OR<#02 *Pulmonaria mollis*>)))NOT<#02 *Lychnis coronaria*>)NOT<### *Mercurialis perennis*>

ATQ02 *Convallario-Quercetum roboris*

(((((((<### *Quercus pubescens*>OR<#03 *Quercus cerris*>)OR<*Quercus pubescens* agg.UP10>)OR<*Quercus cerris*UP10>)OR<*Quercus robur* agg.UP10>)AND(<### *Dictamnus albus*>OR<### *Vincetoxicum hirundinaria*>))AND<#02 *Polygonatum latifolium*>)NOT<### *Phlomis tuberosa*>)NOT<#02 *Pulmonaria mollis*>)NOT<#02 *Lychnis coronaria*>

QPE01 *Carici fritschii-Quercetum roboris*

((<*Quercus robur* agg.UP10>OR<*Quercus petraea* agg.UP10>)AND<#02 *Carex fritschii*>)NOT<### *Dictamnus albus*>

QPE02 *Sorbo torminalis-Quercetum*

(<*Quercus petraea* agg.UP10>AND((((((((<### *Vincetoxicum hirundinaria*>AND<### *Luzula luzuloides*>)OR<### *Festuca heterophylla*>)NOT<### *Linaria genistifolia*>)NOT<### *Quercus pubescens*>)NOT<### *Dictamnus albus*>)NOT<### *Festuca*

rupicola>)NOT<#02 Lychnis coronaria>)NOT<#02 Pulmonaria mollis>)NOT<###
Mercurialis perennis>)NOT<### Galium odoratum>))

QPE03 Genisto pilosae-Quercetum petraeae

<Quercus petraea agg.UP10>AND((<### Luzula luzuloides>AND<### Vincetoxicum
hirundinaria>)AND<### Linaria genistifolia>)

QPE04 Melico pictae-Quercetum

((((((<Quercus robur agg.UP10>OR(<Quercus petraea agg.UP10>AND<Carex
montanaUP05>))AND<#02 Pulmonaria mollis>)NOT<Quercus cerrisUP03>)NOT<#03
Quercus cerris>)NOT<### Quercus pubescens>)NOT<#02 Polygonatum
latifolium>)NOT<### Mercurialis perennis>)NOT<#02 Lychnis coronaria>)NOT<#02 Carex
fritschii>

QPE05 Quercetum petraeo-cerridis

(((<#03 Quercus cerris>AND(<#02 Lychnis coronaria>OR<### Festuca
rupicola>))NOT<#02 Poa scabra>)NOT<### Quercus pubescens>)NOT<### Dictamnus
albus>