

Makrophytenkartierung Mondsee 2021

Kartenband

Auftraggeber:



LAND
OBERÖSTERREICH

und

Bundesministerium
Landwirtschaft, Regionen
und Tourismus (BMLRT)



Projektleitung und -organisation:

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Dr. Karin Pall

Kartierungszeitraum:

Juli 2021

Abgabedatum:

Mai 2022

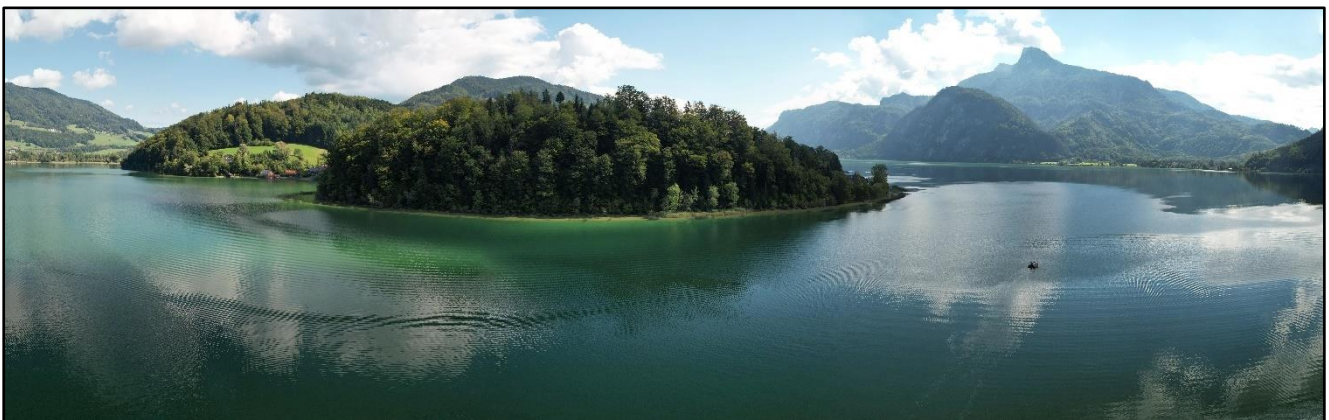


Ansprechpartner Land Oberösterreich:

Dr. Hubert Blatterer

Ansprechpartner BMLRT:

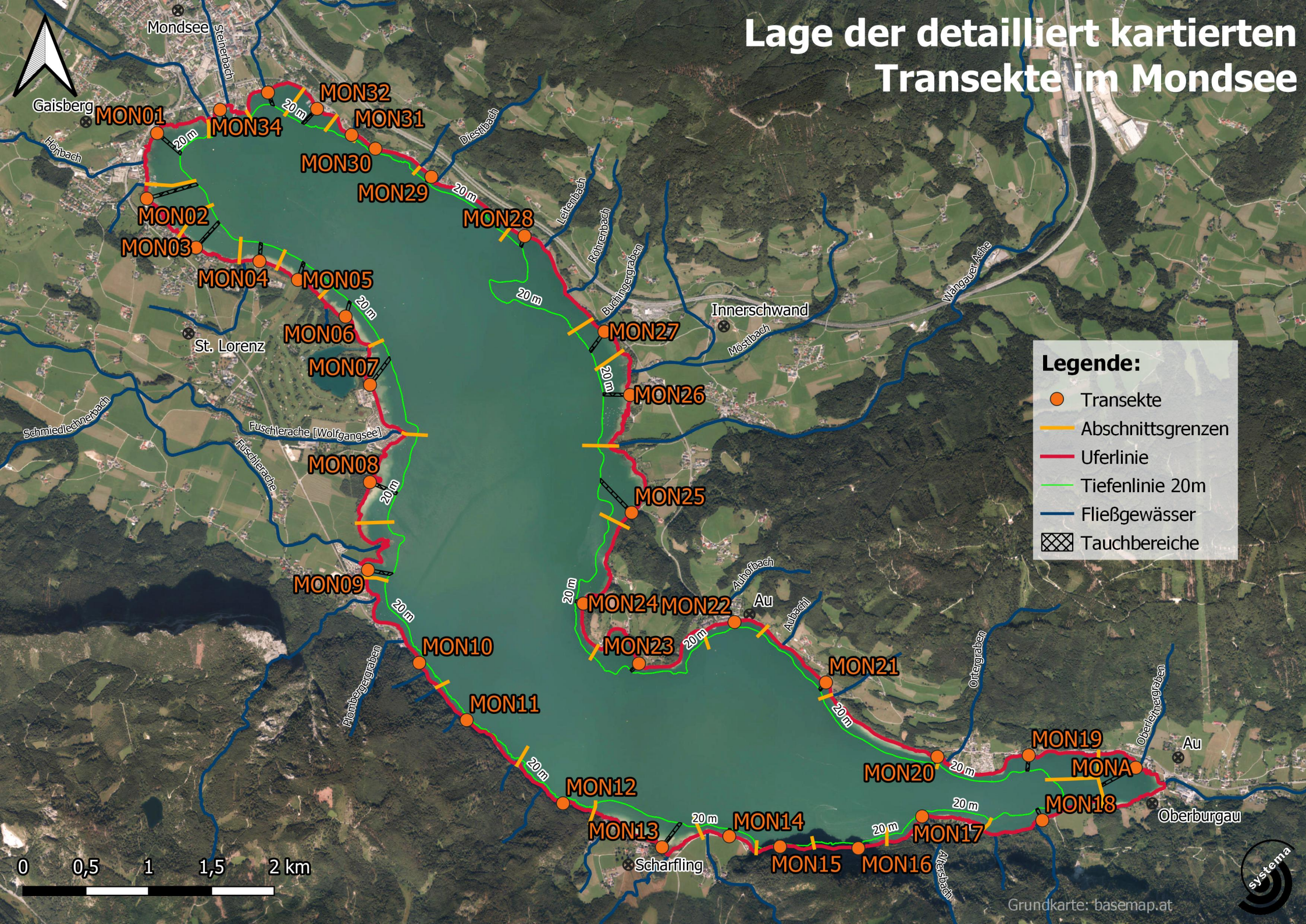
Mag. Gisela Ofenböck



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Tel.: 0043 - 1 - 419 90 90 Fax: DW 19
www.systema.at / e-mail: office@systema.at



Lage der detailliert kartierten Transekte im Mondsee








Legende:
































- Transekte
- Abschnittsgrenzen
- Uferlinie
- Tiefenlinie 20m
- Fließgewässer
- ⊗ Tauchbereiche



Legende

-  Transekte
-  Tauchbereiche
-  Fließgewässer
-  Uferlinie
-  Abschnittsgrenzen

Makrophyten

-  kein Makrophytenbewuchs
 -  Characeen, keine ausgeprägte Zonenpräferenz, schütter
 -  Characeen, keine ausgeprägte Zonenpräferenz, dicht
 -  Characeen des Flachwassers, Strandlingsflur, Zwergbinsen, schütter
 -  Characeen des Flachwassers, Strandlingsflur, Zwergbinsen, dicht
 -  Characeen des mittleren Tiefenbereiches, schütter
 -  Characeen des mittleren Tiefenbereiches, dicht
 -  Characeenwiesen der Tiefe, schütter
 -  Characeenwiesen der Tiefe, dicht
 -  Nitellafluren, schütter
 -  Nitellafluren, dicht
 -  Höhere Pflanzen, niederwüchsig, schütter
 -  Höhere Pflanzen, niederwüchsig, dicht
 -  Zone hochwüchsiger Arten (Laichkrautgürtel), schütter
 -  Zone hochwüchsiger Arten (Laichkrautgürtel), dicht
 -  Moose, schütter
 -  Moose, dicht
 -  ... mit niederwüchsigen Höheren Pflanzen
 -  ... mit hochwüchsigen Arten des Laichkrautgürtels
 -  ... mit Moosen
 -  ... mit Characeen
-
-  Schilf, schütter
 -  Schilf, dicht
 -  Binsen, schütter
 -  Binsen, dicht
 -  Schilf+Binsen, schütter
 -  Schilf+Binsen, dicht
 -  Sonstige, schütter
 -  Sonstige, dicht
 -  Schilf+Sonstige, schütter
 -  Schilf+Sonstige, dicht
 -  Schwimmblätter, schütter
 -  Schwimmblätter, dicht

Verwendete Kürzel der vorgefundenen Makrophyten:

Characeen:

Cha asp	<i>Chara aspera</i>
Cha con	<i>Chara contraria</i>
Cha del	<i>Chara delicatula</i>
Cha den	<i>Chara denudata</i>
Cha glo	<i>Chara globularis</i>
Cha tom	<i>Chara tomentosa</i>
Nie obt	<i>Nitellopsis obtusa</i>
Nit fle	<i>Nitella flexilis</i>
Nit opa	<i>Nitella opaca</i>
Tol glo	<i>Tolypella glomerata</i>

Aquatische Höhere Pflanzen:

Ele aci	<i>Eleocharis acicularis</i>
Elo can	<i>Elodea canadensis</i>
Elo nut	<i>Elodea nuttallii</i>
Myr spi	<i>Myriophyllum spicatum</i>
Naj int	<i>Najas marina subsp. intermedia</i>
Naj mar	<i>Najas marina subsp. marina</i>
Pot coo	<i>Potamogeton x cooperi</i>
Pot cri	<i>Potamogeton crispus</i>
Pot fil	<i>Potamogeton filiformis</i>
Pot fri	<i>Potamogeton friesii</i>
Pot pec	<i>Potamogeton pectinatus</i>
Pot per	<i>Potamogeton perfoliatus</i>
Pot pus	<i>Potamogeton pusillus s. str.</i>
Ran cir	<i>Ranunculus circinatus</i>
Utr aus	<i>Utricularia australis</i>
Zan pal	<i>Zannichellia palustris</i>

Schwimmblattarten:

Nup lut	<i>Nuphar lutea</i>
Nym alb	<i>Nymphaea alba</i>

Moose:

Amb hum	<i>Amblystegium humile</i>
Bry pse	<i>Bryum pseudotriquetrum</i>
Cra com	<i>Cratoneuron commutatum</i>
Cte mol	<i>Ctenidium molluscum</i>
Dih pel	<i>Dichodontium pellucidum</i>
Fis cra	<i>Fissidens crassipes</i>
Fon ant	<i>Fontinalis antipyretica</i>
Hya ten	<i>Hygroamblystegium tenax</i>
Hyg lur	<i>Hygrohypnum luridum</i>
Jug atr	<i>Jungermannia atrovirens</i>
Lep rip	<i>Leptodictyum riparium</i>
Pla rip	<i>Platyhypnidium riparioides</i>

Röhricht:

Agr sto	<i>Agrostis stolonifera</i>
Car ela	<i>Calystegia sepium (s. str.)</i>
Car fla	<i>Carex elata</i>
Car sp.	<i>Carex flava</i>
Cay sep	<i>Carex sp.</i>
Des ces	<i>Deschampsia cespitosa</i>
Equ arv	<i>Equisetum arvense</i>
Fil ulm	<i>Filipendula ulmaria</i>
Jun fil	<i>Juncus filiformis</i>
Lyc eur	<i>Lycopus europaeus</i>
Lys vul	<i>Lysimachia vulgaris</i>
Lyt sal	<i>Lythrum salicaria</i>
Men lon	<i>Mentha longifolia</i>
Pha aru	<i>Phalaris arundinacea</i>
Phr aus	<i>Phragmites australis</i>
Sch lac	<i>Schoenoplectus lacustris</i>
Sol gig	<i>Solidago gigantea</i>
Typ lat	<i>Typha latifolia</i>

Anmerkungen: Die in den Kästen am rechten Rand der Karten jeweils aufgelisteten Taxa umfassen ausschließlich jene Arten, die im Zuge der Makrophytenkartierung innerhalb des entsprechenden Transekts vorgefunden wurden. Die graphische Darstellung eines Abschnitts erfolgt nach den jeweiligen Kartierungsergebnissen des für diesen repräsentativen Transekts. Die ergänzende flächige Darstellung der Schwimmblatt- und Röhrichtbestände basiert auf den Ergebnissen der Drohnenbefliegung.

Vegetationszonierung im Mondsee Überblick



0 0,5 1 1,5 2 km

Grundkarte: basemap.at

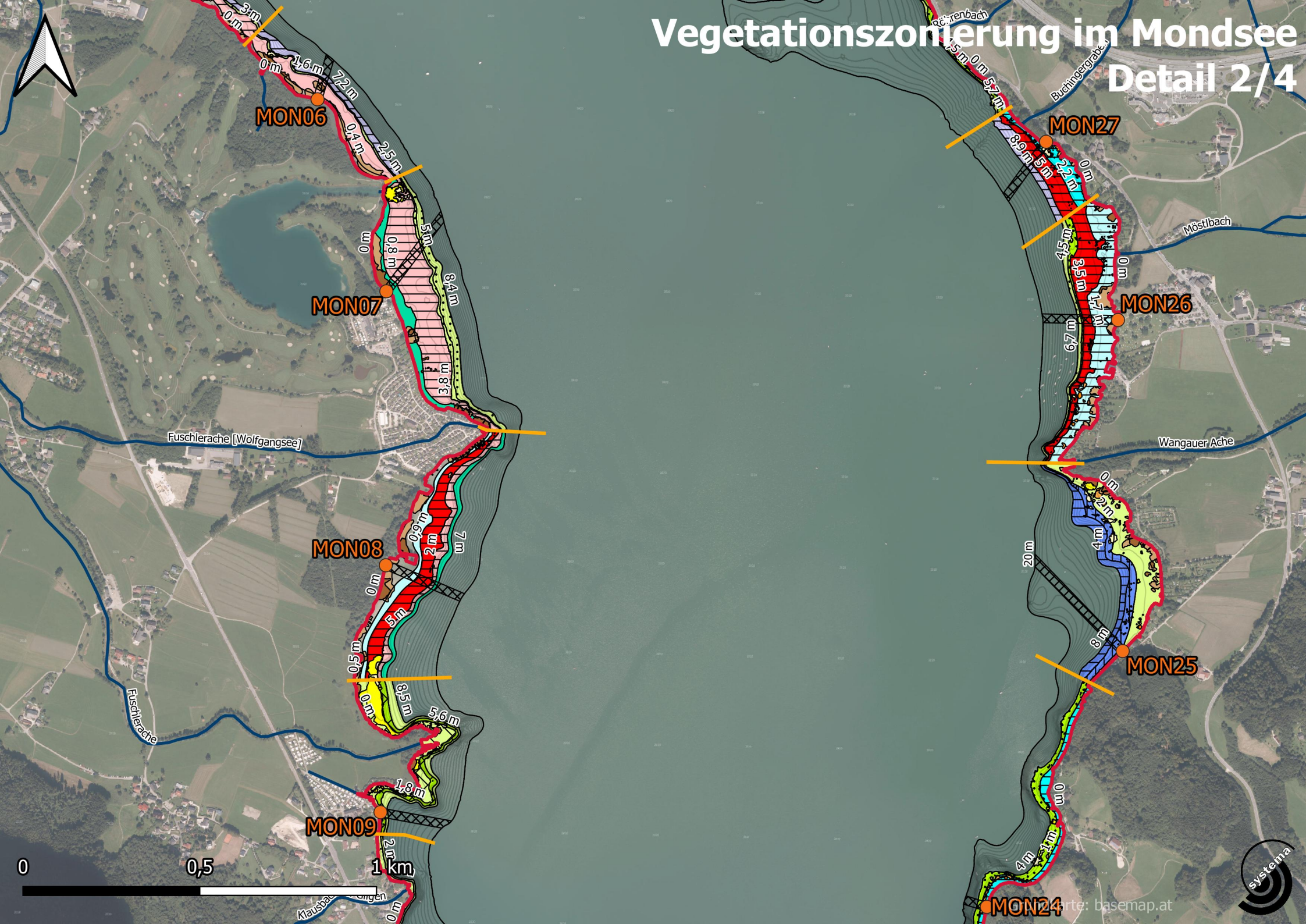


Vegetationszonierung im Mondsee

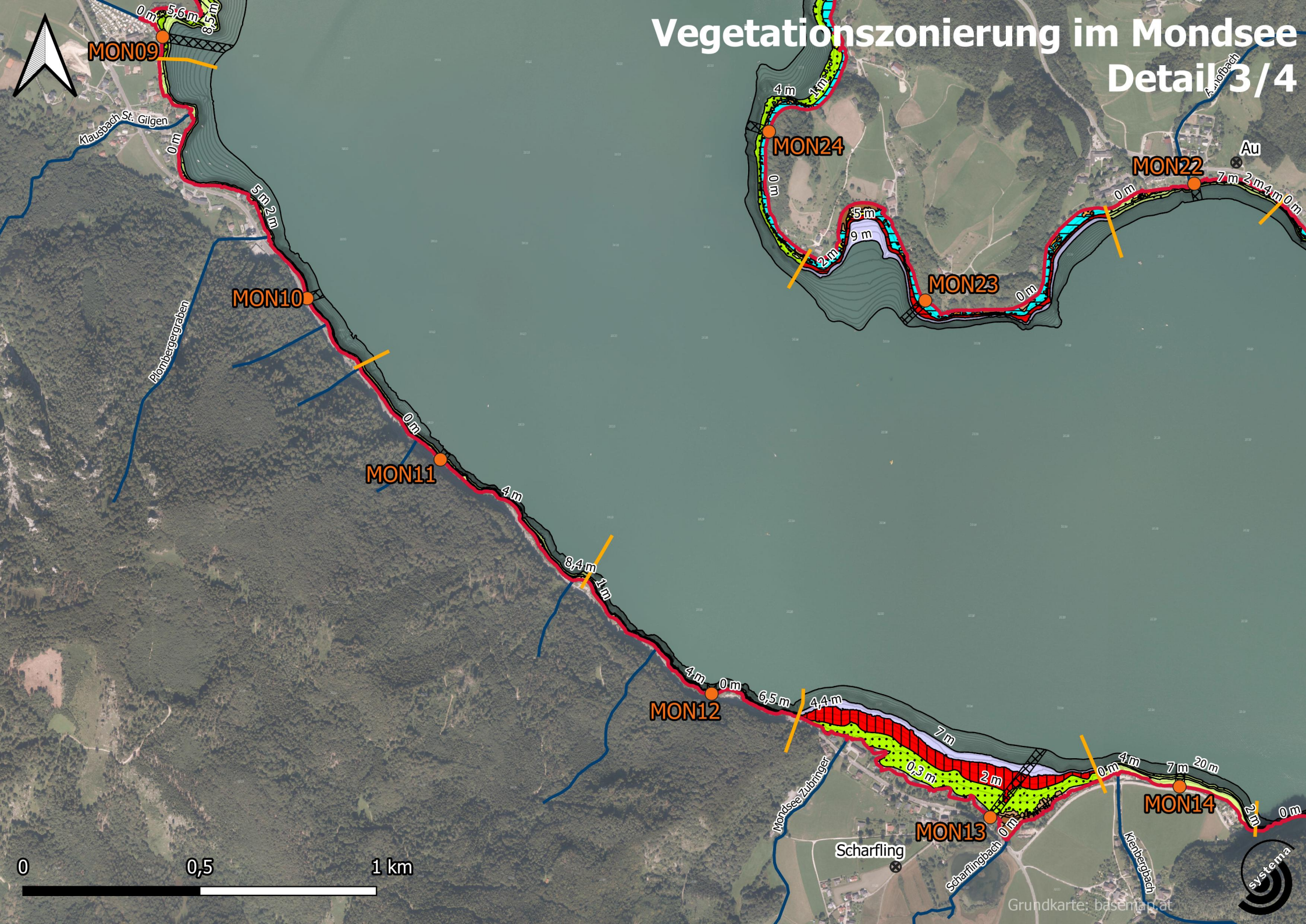
Detail 1/4



Vegetationszonierung im Mondsee Detail 2/4



Vegetationszonierung im Mondsee Detail 3/4



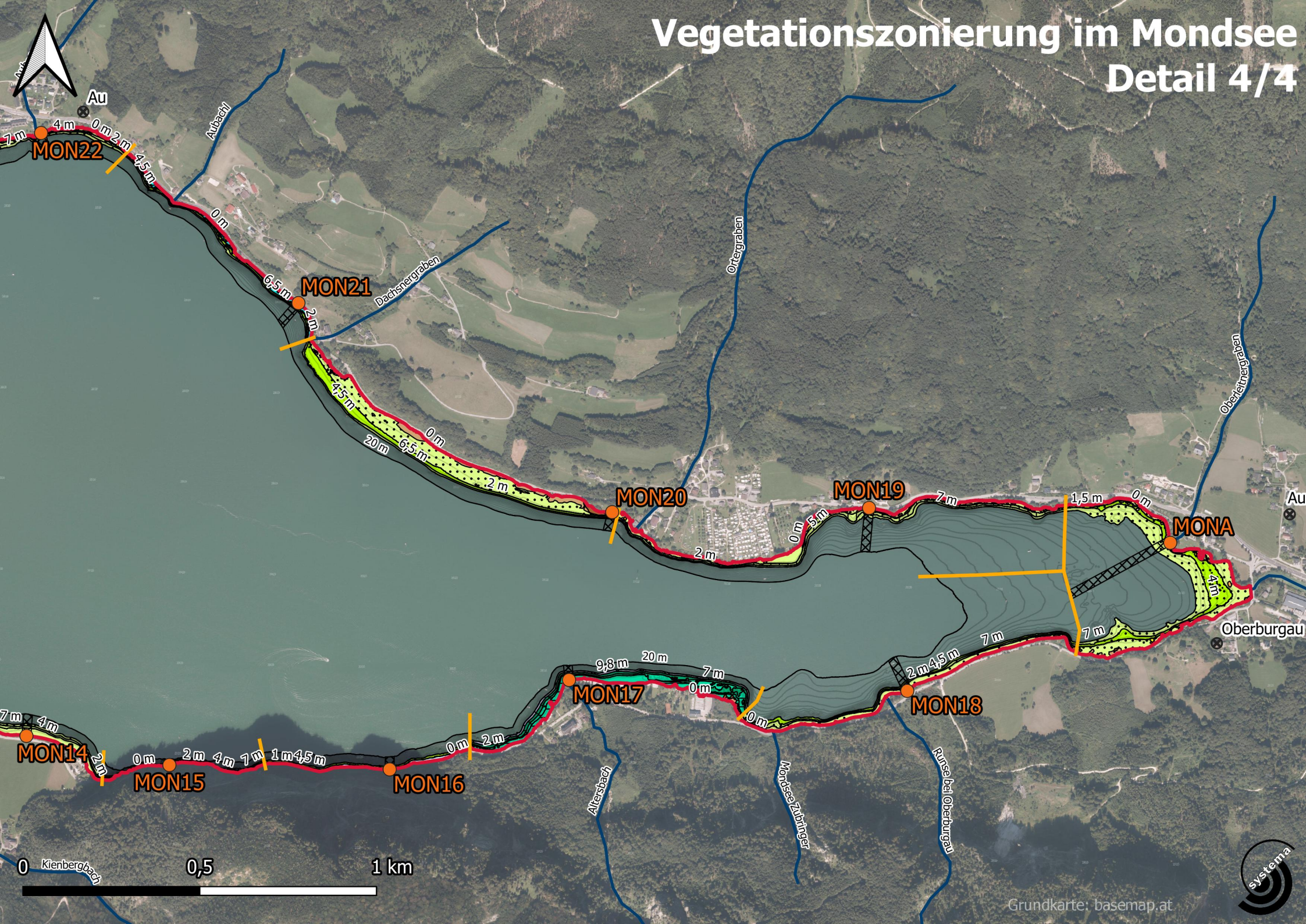
0 0,5 1 km

Grundkarte: basemap.at

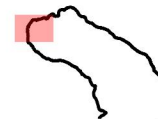


Vegetationszonierung im Mondsee

Detail 4/4



MONDSEE
2021
Transekt MON01



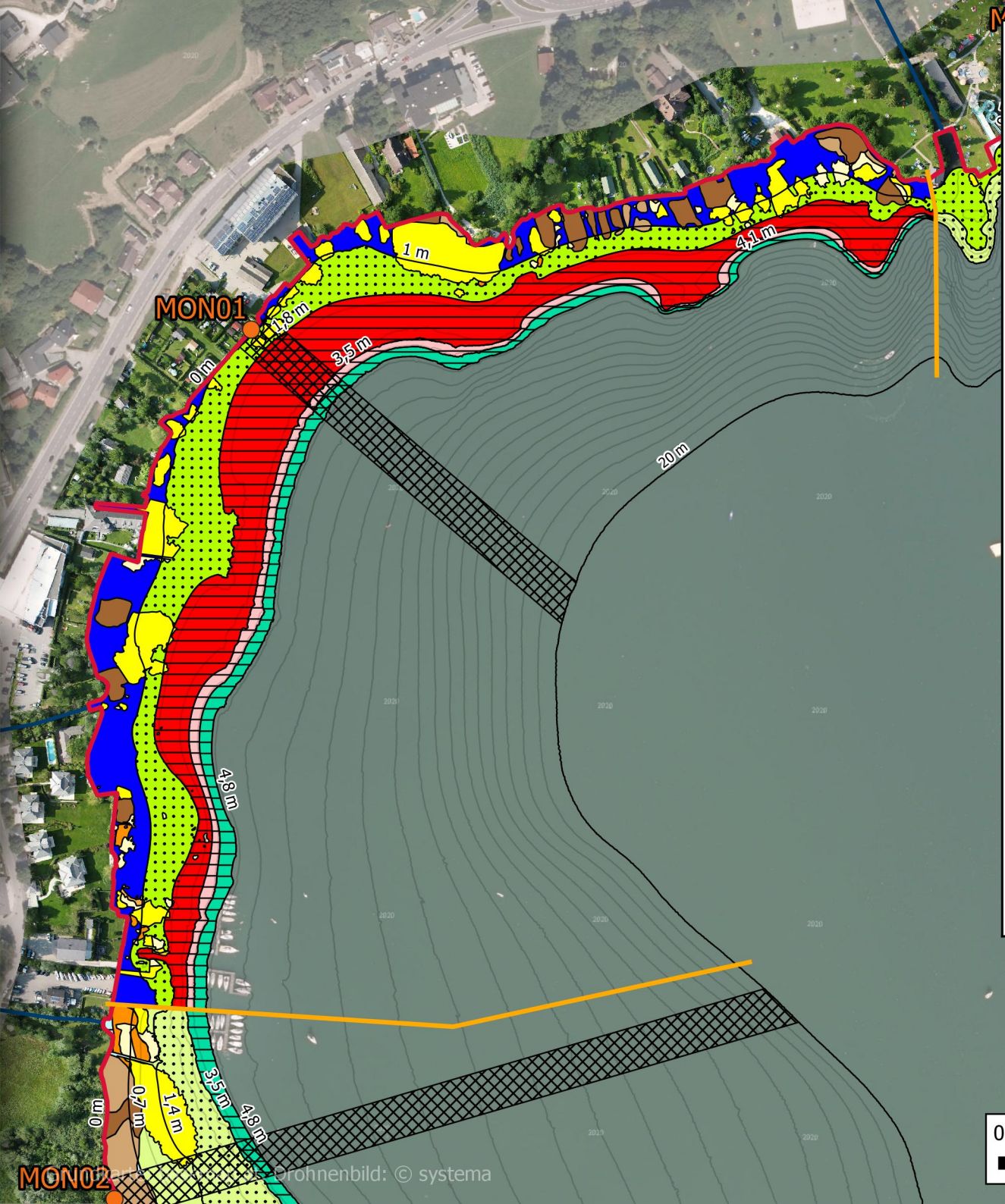
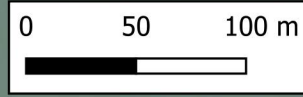
Characeen
Nie obt

**Aquatische
Höhere Pflanzen**
Elo can Pot per
Elo nut Utr aus
Myr spi
Naj int
Nup lut
Pot fil
Pot pec

Moose
Fon ant
Hya ten

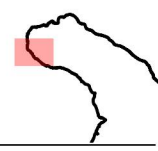
Röhricht
Sol gig

Vegetationsgrenze
4,8 m





MONDSEE
2021
Transekt MON02



- Characeen**
- Cha asp
 - Cha con
 - Nie obt

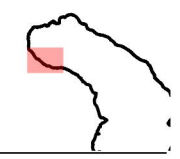
- Aquatische
Höhere Pflanzen**
- Naj int
 - Nup lut
 - Nym alb
 - Pot pec
 - Pot per
 - Utr aus

- Röhricht**
- Car sp.
 - Phr aus
 - Sch lac
 - Typ lat

Vegetationsgrenze
4,8 m



MONDSEE
2021
Transekt MON03



Characeen

- Cha asp Nit opa
- Cha con Tol glo
- Cha glo
- Cha tom
- Nie obt

**Aquatische
Höhere Pflanzen**

- Myr spi Utr aus
- Naj int Zan pal
- Nup lut
- Nym alb
- Pot fri
- Pot pec
- Pot per
- Pot pus

Moose

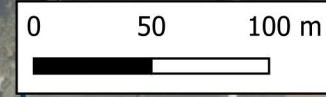
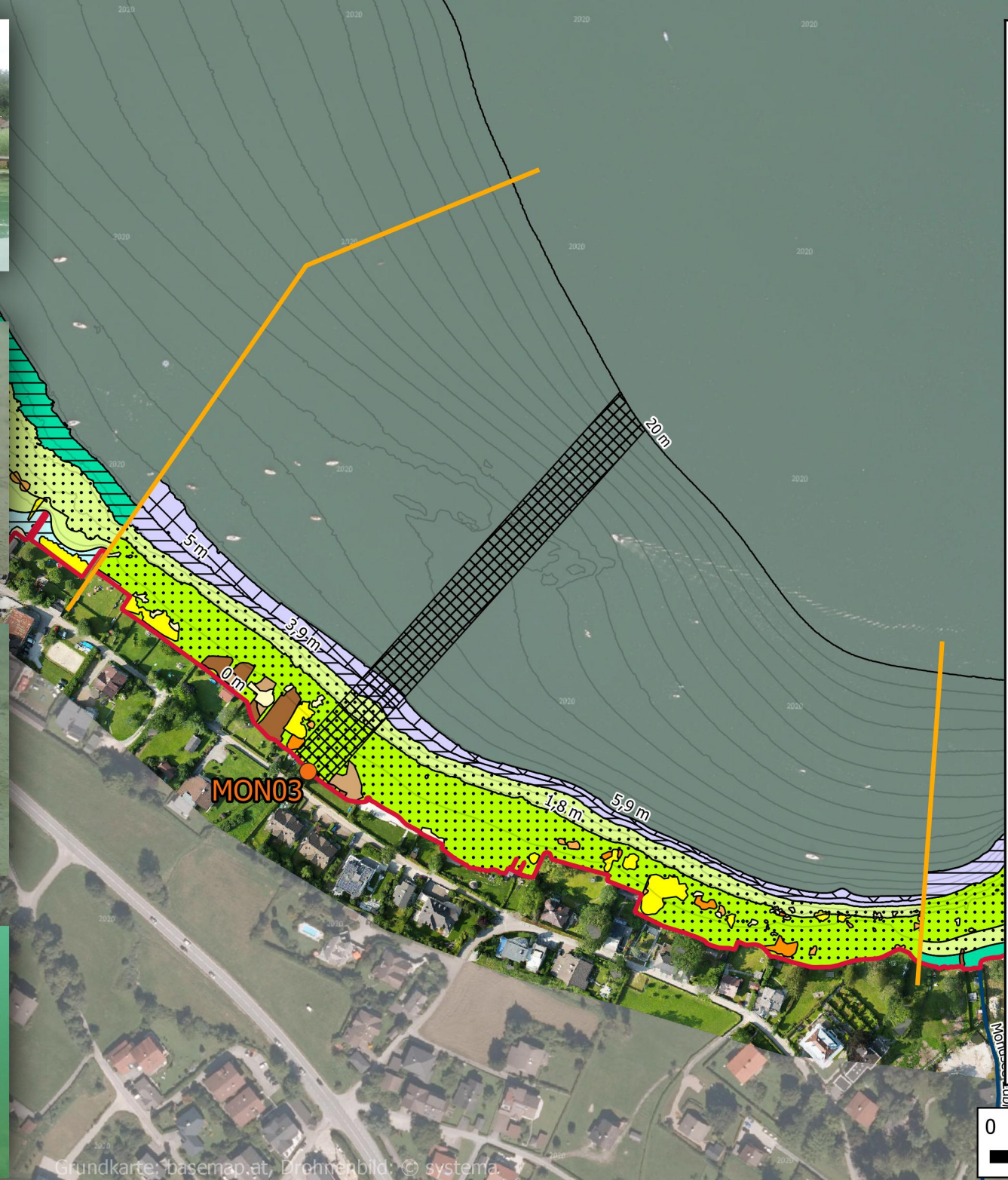
- Fon ant

Röhricht

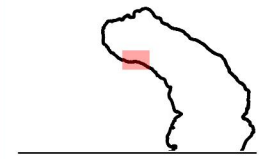
- Agr sto
- Lyt sal
- Sch lac

Vegetationsgrenze

5,9 m



MONDSEE
2021
Transekt MON04



Characeen

- Cha con
- Cha glo
- Cha tom
- Nie obt

**Aquatische
Höhere Pflanzen**

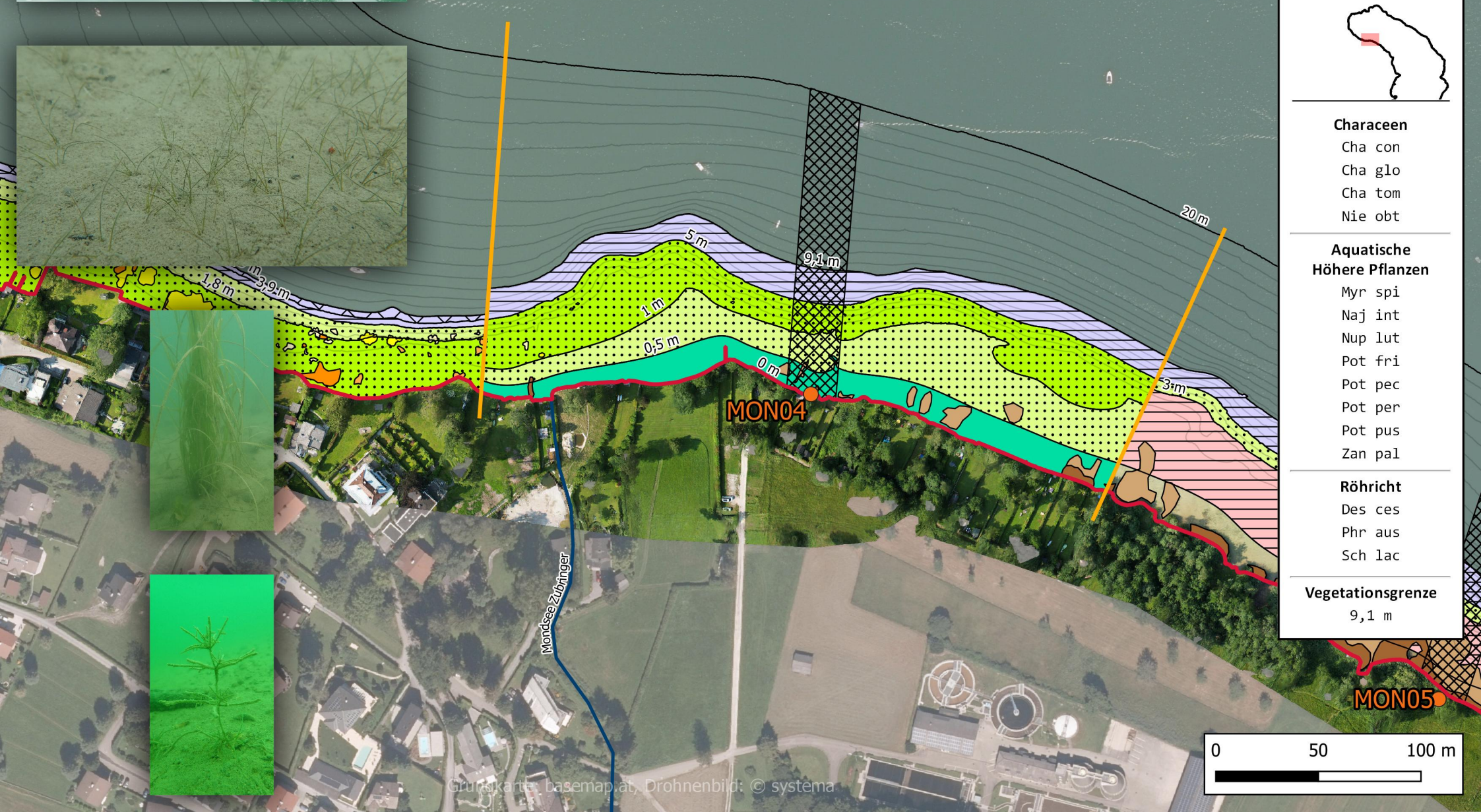
- Myr spi
- Naj int
- Nup lut
- Pot fri
- Pot pec
- Pot per
- Pot pus
- Zan pal

Röhrriecht

- Des ces
- Phr aus
- Sch lac

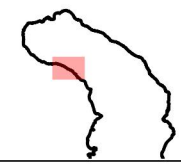
Vegetationsgrenze

9,1 m



MON05

MONDSEE
2021
Transekt MON05



Characeen

- Cha con
- Cha glo
- Cha tom
- Nie obt

**Aquatische
Höhere Pflanzen**

- Naj int
- Nup lut
- Pot fri
- Pot pec
- Pot pus

Röhrriht

- Car ela Jun fil
- Car fla Lys vul
- Car sp. Lyt sal
- Cay sep Phr aus
- Des ces
- Equ arv
- Fil ulm

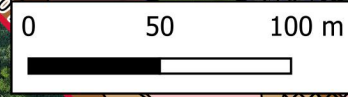
Vegetationsgrenze

8,5 m

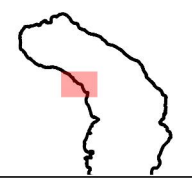


Mondsee-Zubringer

MON05



MONDSEE
2021
Transekt MON06



Characeen

- Cha con
- Cha glo
- Cha tom
- Nie obt

**Aquatische
Höhere Pflanzen**

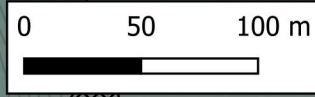
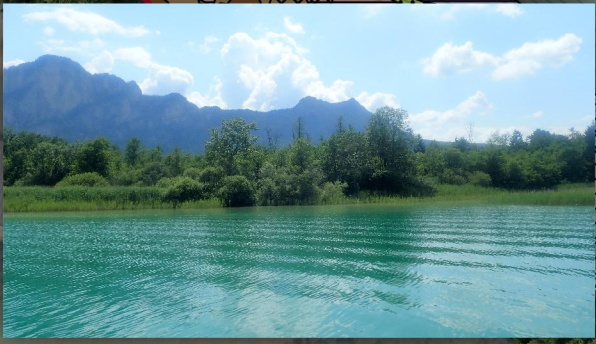
- Myr spi
- Naj int
- Pot fri
- Pot pec
- Pot per
- Pot pus

Röhrriht

- Phr aus
- Sch lac

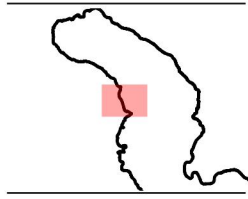
Vegetationsgrenze

7,2 m





MONDSEE
2021
Transekt MON07



Characeen

- Cha con
- Cha den
- Cha glo
- Cha tom

**Aquatische
Höhere Pflanzen**

- Myr spi
- Naj int
- Nym alb
- Pot pec
- Pot per
- Utr aus

Röhricht

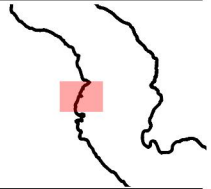
- Phr aus

Vegetationsgrenze

8,4 m



MONDSEE
2021
Transekt MON08



Characeen

- Cha asp
- Cha con
- Cha tom
- Nie obt

**Aquatische
Höhere Pflanzen**

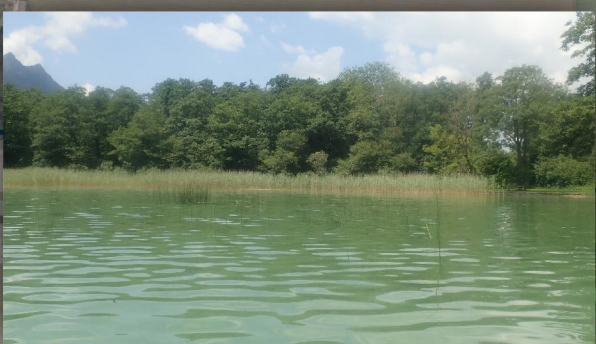
- Naj int
- Nup lut
- Pot pec
- Pot per
- Pot pus
- Utr aus

Röhricht

- Phr aus
- Sch lac

Vegetationsgrenze

7 m





MONDSEE
2021
Transekt MON09

N 





**Aquatische
 Höhere Pflanzen**

Elo nut
 Myr spi
 Naj int
 Pot fri
 Pot pec
 Pot per
 Ran cir

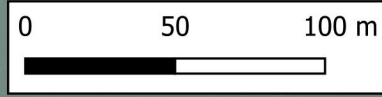
Moose

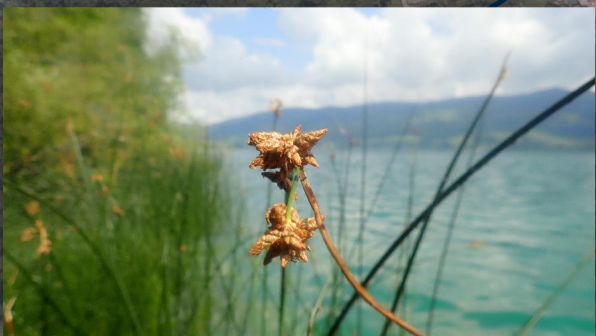
Fon ant

Röhricht

Sch lac

Vegetationsgrenze
 8,5 m





MONDSEE
2021
Transekt MON10

N

Aquatische Höhere Pflanzen

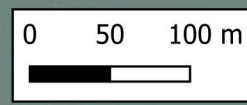
- Nup lut
- Nym alb
- Pot fri
- Pot pec

Röhricht

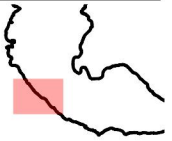
- Sch lac

Vegetationsgrenze

5 m



MONDSEE
2021
Transekt MON11

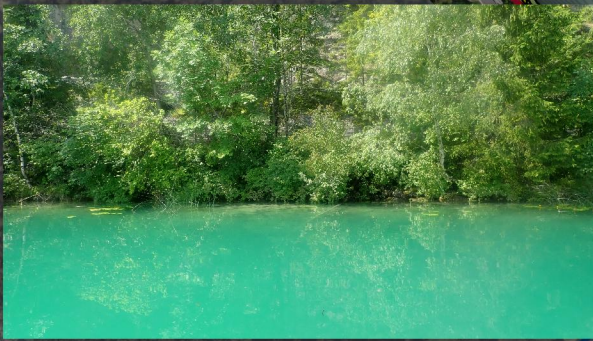
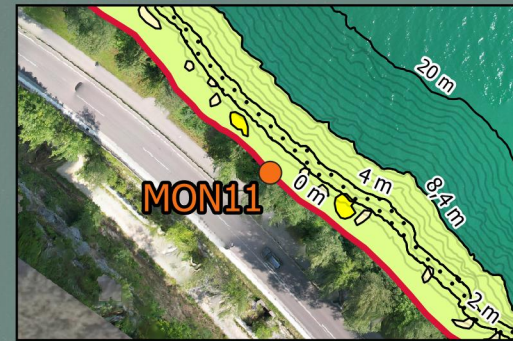


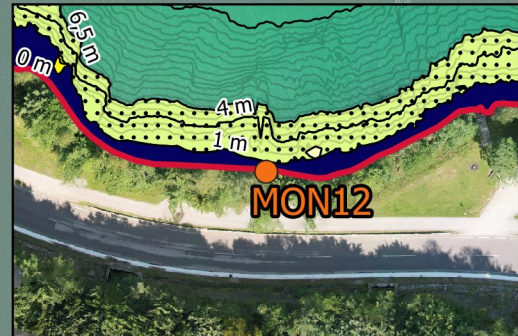
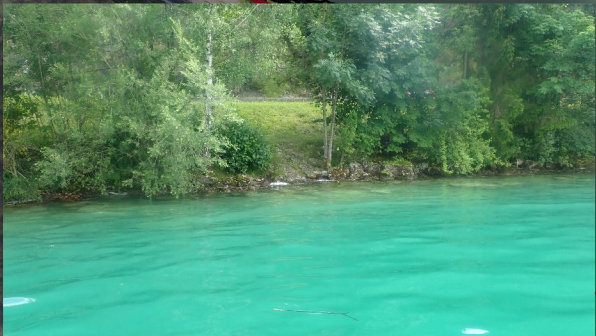
Characeen
Cha con

**Aquatische
Höhere Pflanzen**
Nup lut
Pot fri
Pot per

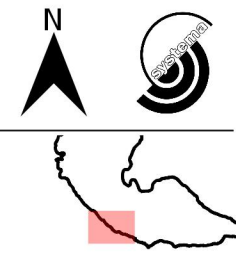
Röhricht
Sch lac

Vegetationsgrenze
8,4 m





MONDSEE
2021
Transekt MON12



Characeen

- Cha del
- Nie obt

**Aquatische
Höhere Pflanzen**

- Naj int
- Nup lut
- Pot fri
- Pot pec
- Pot per
- Pot pus
- Zan pal

Moose

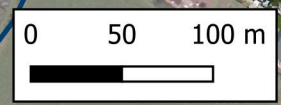
- Cte mol
- Fon ant
- Hyg lur

Röhricht

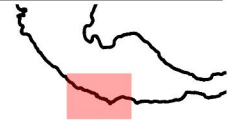
- Des ces
- Fil ulm
- Lyt sal
- Sch lac

Vegetationsgrenze

6,5 m



MONDSEE
2021
Transekt MON13



Characeen

- Cha con
- Cha glo
- Cha tom

**Aquatische
Höhere Pflanzen**

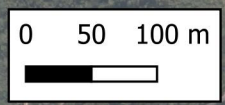
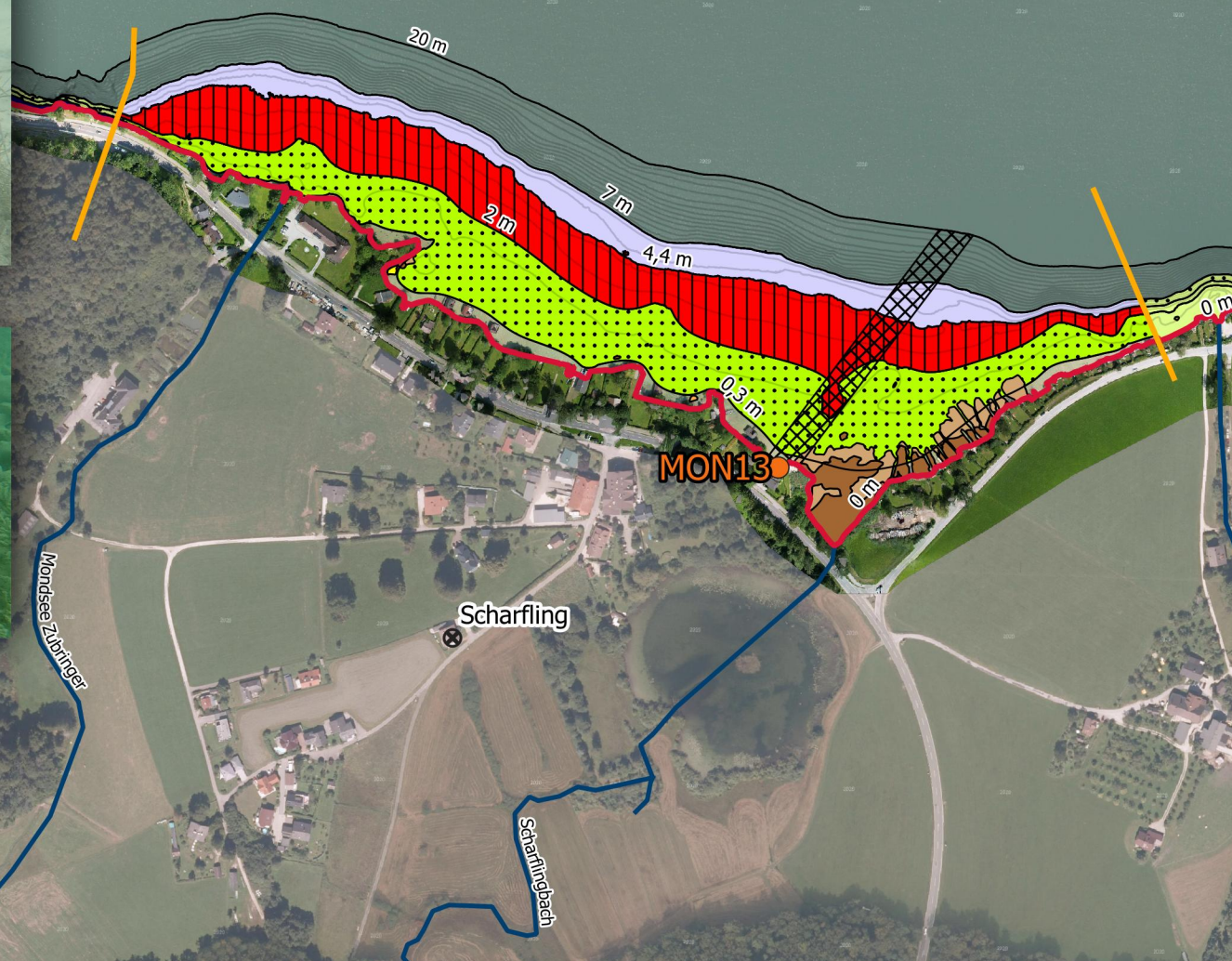
- Myr spi
- Nup lut
- Pot cri
- Pot fri
- Pot pec
- Pot per
- Pot pus
- Zan pal

Röhricht

- Phr aus
- Sch lac

Vegetationsgrenze

7 m

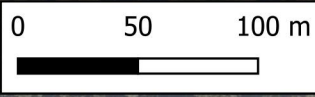


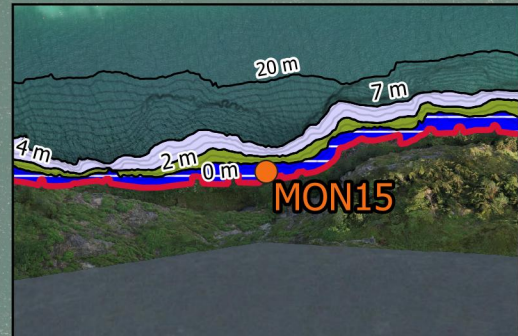
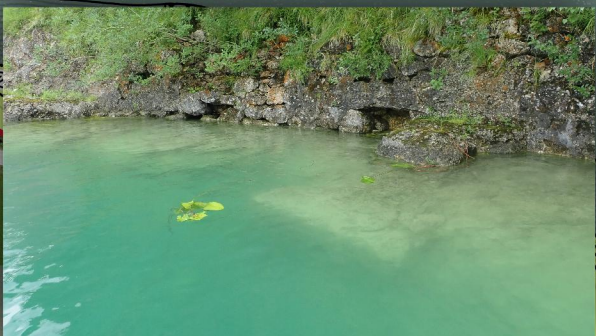


MONDSEE
2021
Transekt MON14






Characeen
Nie obt
Aquatische Höhere Pflanzen
Myr spi
Naj int
Naj mar
Pot fri
Pot pec
Pot per
Röhricht
Sch lac
Vegetationsgrenze
7 m





MONDSEE
2021
Transekt MON15

N  



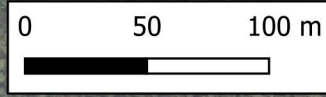
Characeen
Cha glo

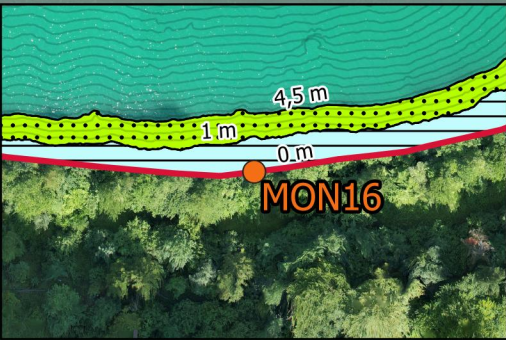
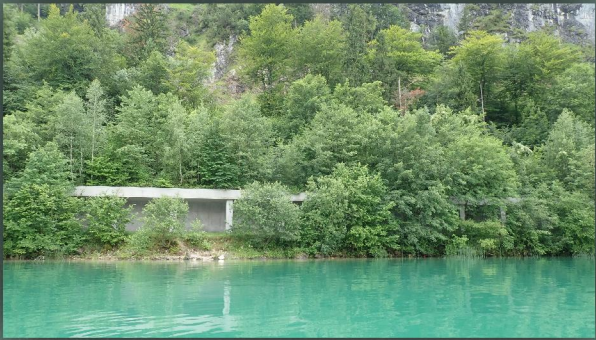
**Aquatische
Höhere Pflanzen**
Naj int
Nup lut
Pot per

Moose
Fis cra

Röhrriht
Sch lac

Vegetationsgrenze
7 m





MONDSEE
2021
Transekt MON16



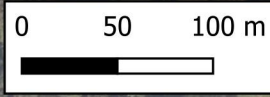
Characeen
Cha asp
Nie obt
Nit opa

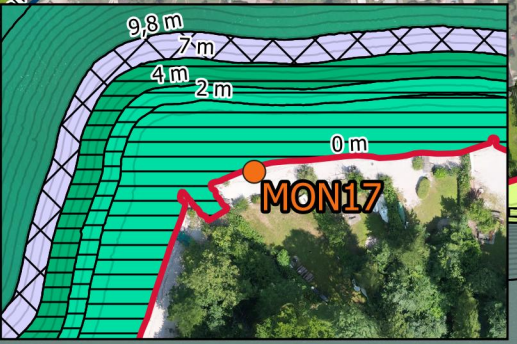
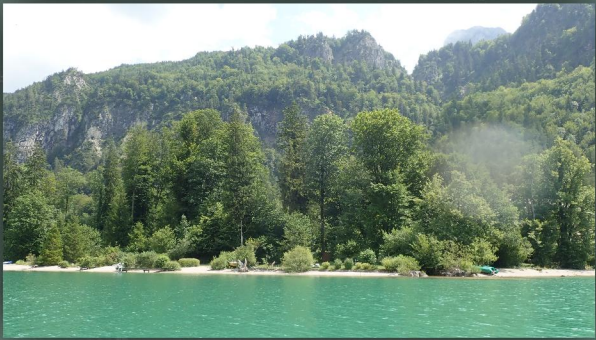
Aquatische Höhere Pflanzen
Elo nut Pot pus
Myr spi
Naj int
Pot coo
Pot cri
Pot fri
Pot pec
Pot per

Moose
Fon ant



Röhricht
Sch lac

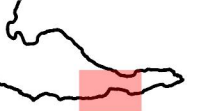
Vegetationsgrenze
4,5 m





MONDSEE
2021
Transekt MON17

N  



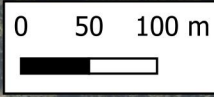
Characeen
Cha con
Cha glo
Nie obt
Nit fle

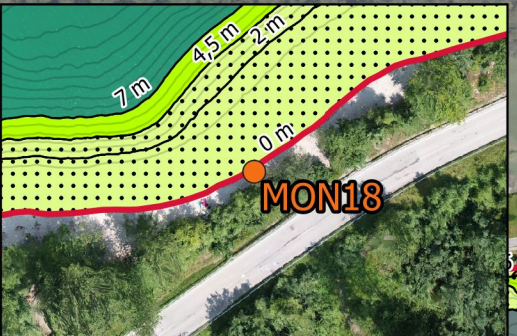
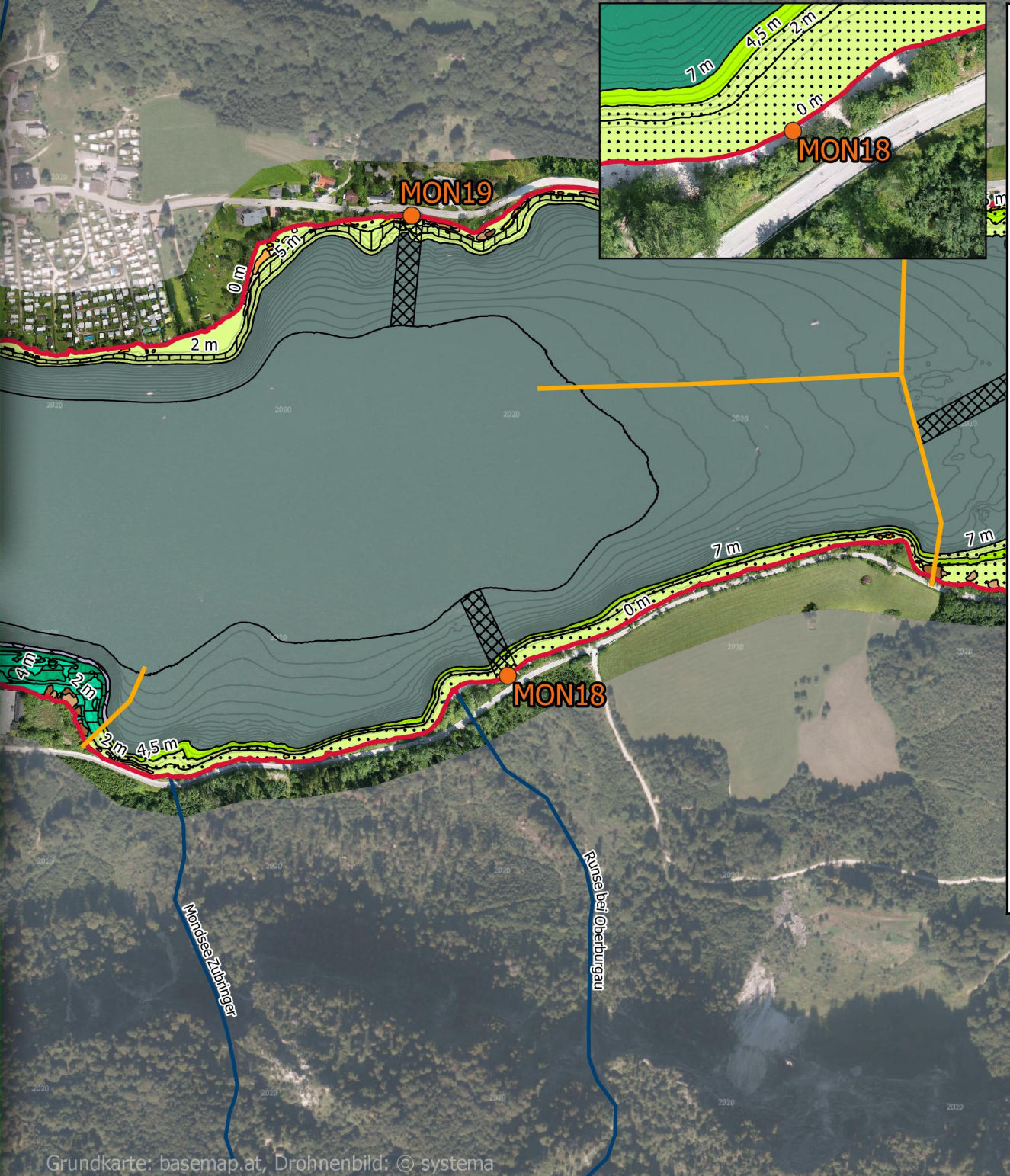
**Aquatische
Höhere Pflanzen**
Myr spi
Naj int
Pot fri
Pot per
Pot pus

Moose
Pla rip

Röhricht
Sch lac

Vegetationsgrenze
9,8 m





MONDSEE
2021
Transekt MON18

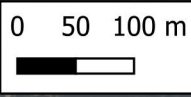


- Characeen**
- Cha asp
 - Cha con
 - Nie obt
 - Nit opa

- Aquatische Höhere Pflanzen**
- Myr spi
 - Naj int
 - Pot coo
 - Pot cri
 - Pot fil
 - Pot pec
 - Pot per

- Röhricht**
- Sch lac

Vegetationsgrenze
7 m



MONDSEE
2021
Transekt MONA



Characeen

- Cha del
- Nie obt

**Aquatische
Höhere Pflanzen**

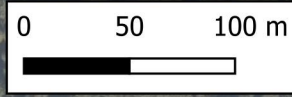
- Myr spi
- Naj int
- Pot cri
- Pot fri
- Pot per
- Pot pus

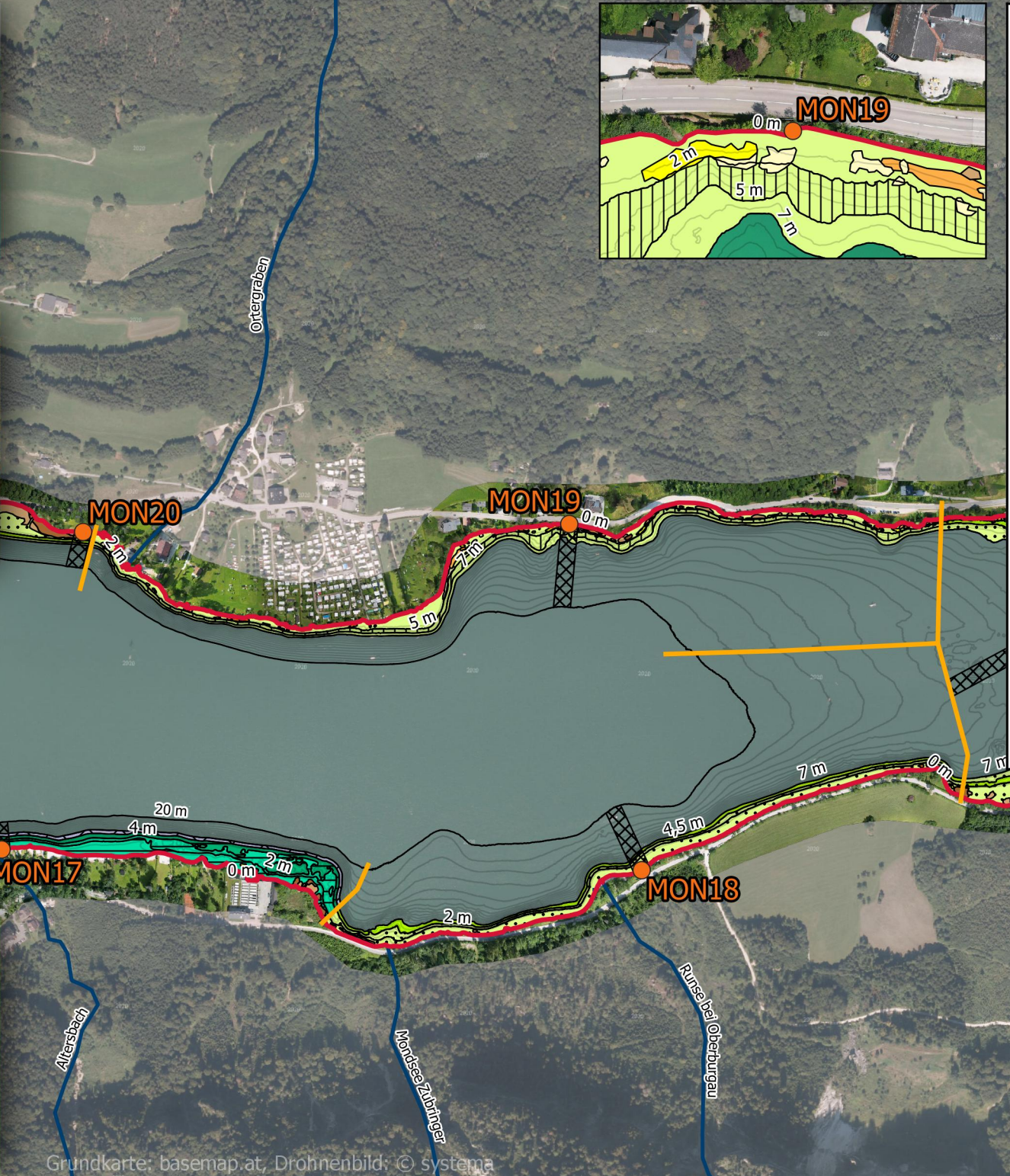
Röhricht

- Sch lac

Vegetationsgrenze

7 m





MONDSEE
2021
Transekt MON19

N

Aquatische Höhere Pflanzen

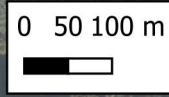
- Myr spi
- Naj int
- Nup lut
- Pot fri
- Pot pec
- Pot per

Röhricht

- Phr aus
- Sch lac

Vegetationsgrenze

7 m

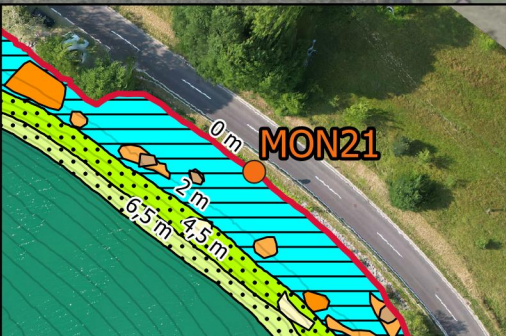
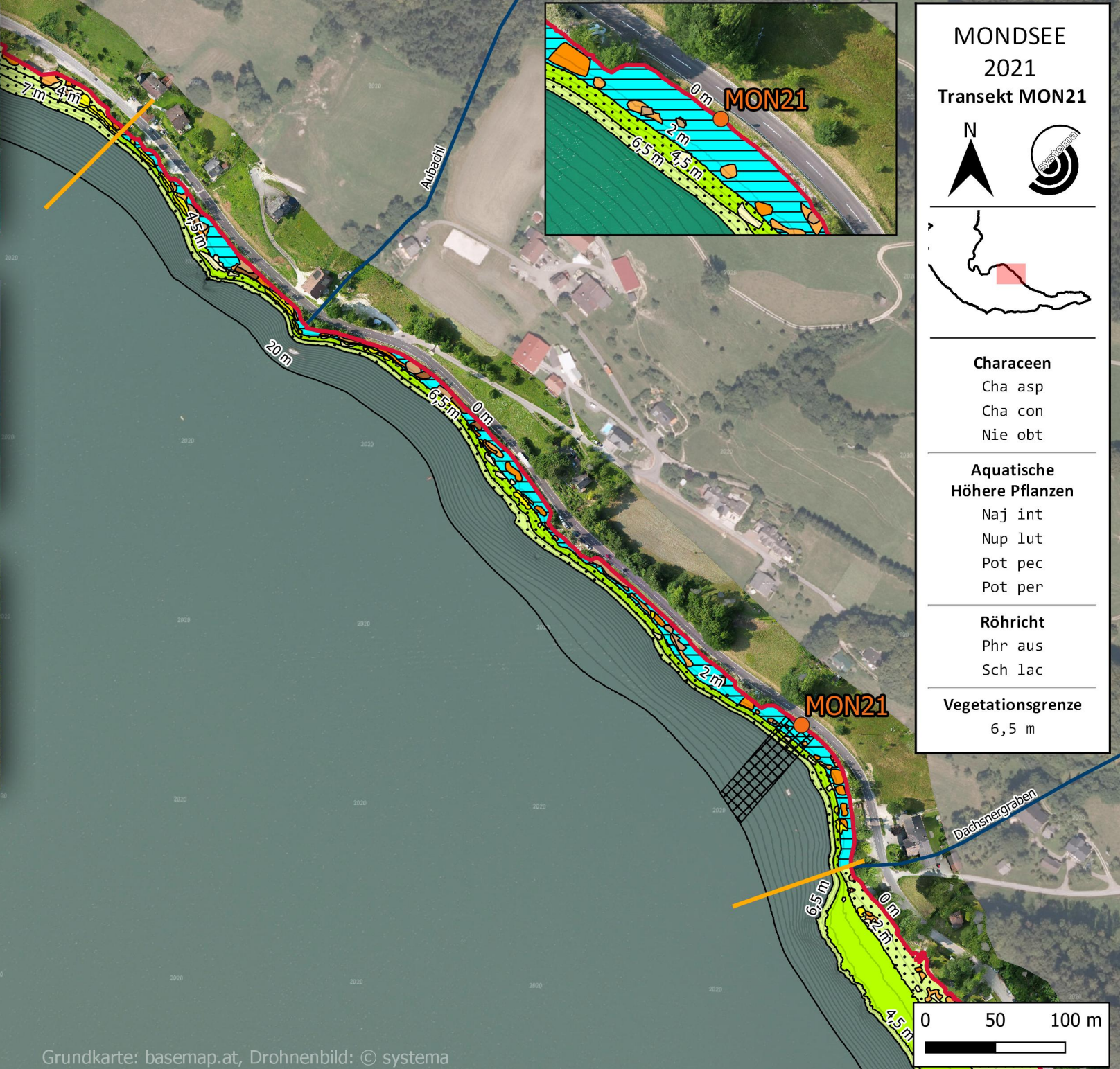




MONDSEE
2021
Transekt MON20

N

- Characeen**
 Nie obt
-
- Aquatische
 Höhere Pflanzen**
 Naj int
 Nup lut
 Pot fri
 Pot pec
 Pot per
 Ran cir
-
- Röhricht**
 Phr aus
 Sch lac
-
- Vegetationsgrenze**
 6,5 m



MONDSEE
2021
Transekt MON21

N

- Characeen**
 Cha asp
 Cha con
 Nie obt
- Aquatische
 Höhere Pflanzen**
 Naj int
 Nup lut
 Pot pec
 Pot per
- Röhricht**
 Phr aus
 Sch lac
- Vegetationsgrenze**
 6,5 m



MONDSEE
2021
Transekt MON22

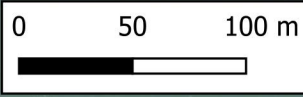
N

Characeen
 Cha con
 Nie obt

**Aquatische
 Höhere Pflanzen**
 Naj int
 Nup lut
 Pot fri
 Pot pec
 Pot per
 Ran cir

Röhrlicht
 Sch lac

Vegetationsgrenze
 7 m



MONDSEE
2021
Transekt MON23



Characeen

- Cha asp
- Cha con
- Cha glo
- Nie obt

**Aquatische
Höhere Pflanzen**

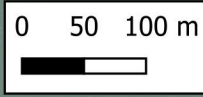
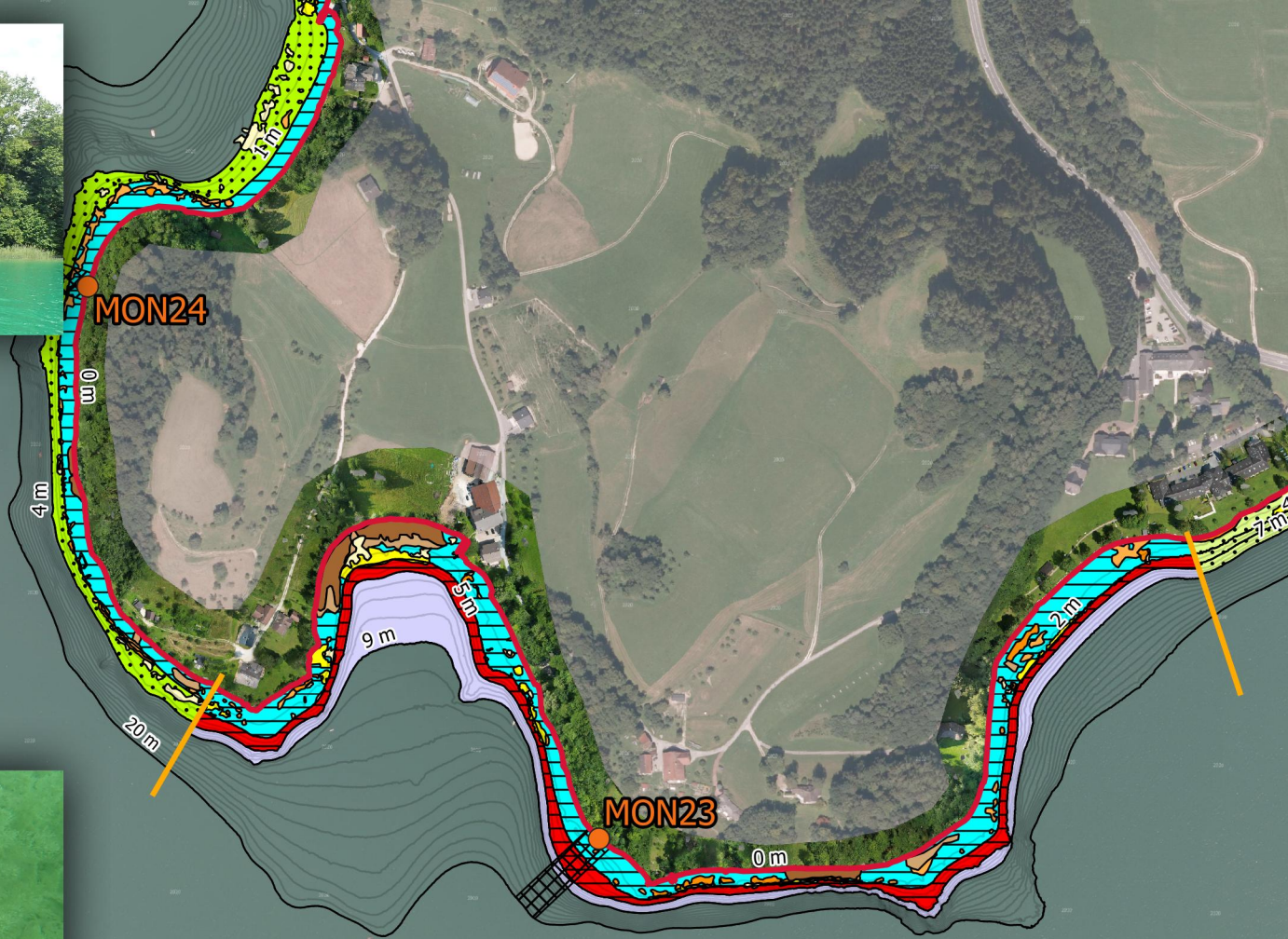
- Myr spi
- Naj int
- Nup lut
- Pot fil
- Pot fri
- Pot per
- Utr aus

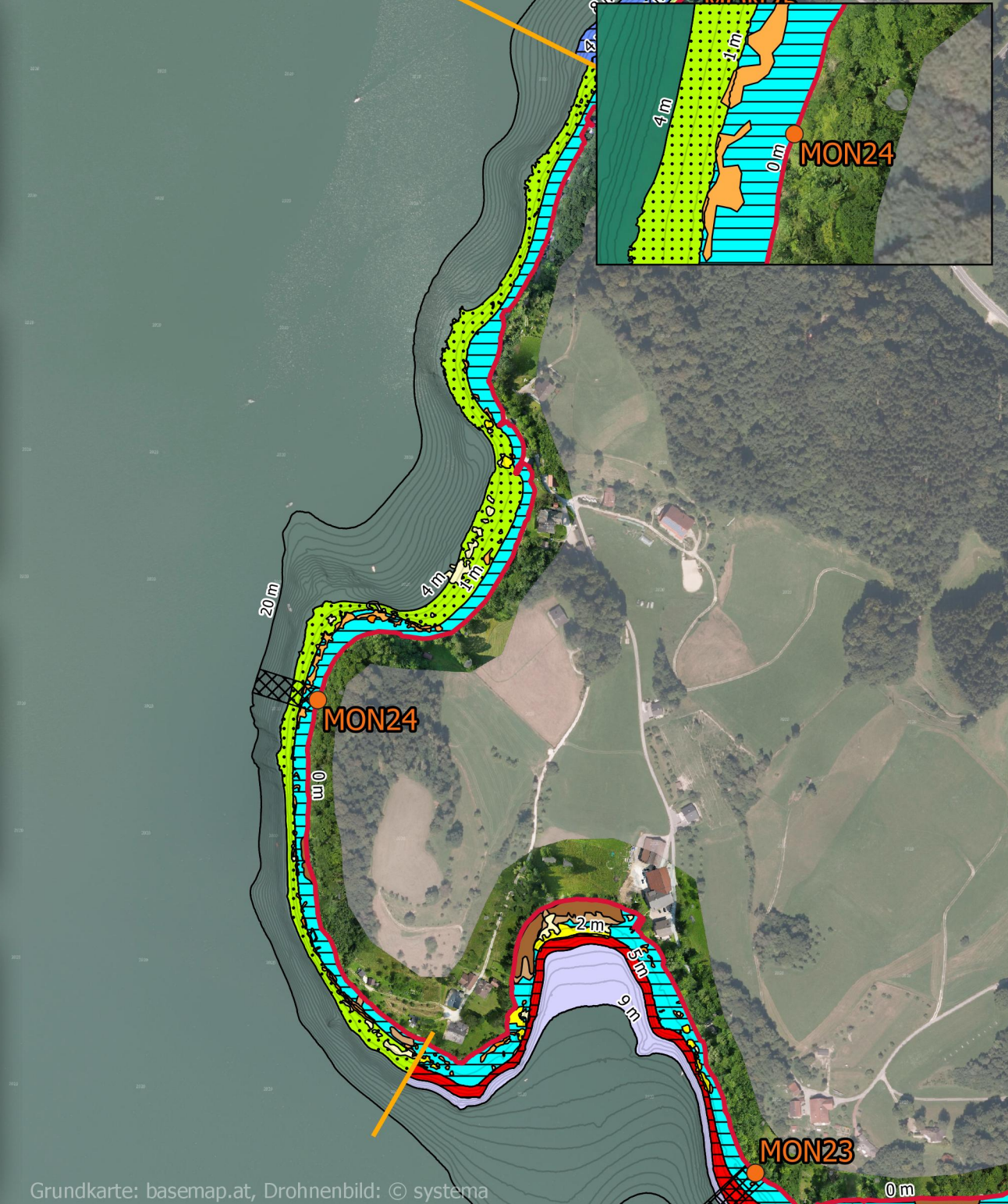
Röhrriecht

- Car sp.
- Fil ulm
- Lyt sal
- Phr aus
- Sch lac

Vegetationsgrenze

9 m





MONDSEE
2021
Transekt MON24

N

- Characeen**
- Cha asp
 - Cha del
 - Cha glo
 - Nie obt

- Aquatische Höhere Pflanzen**
- Myr spi Zan pal
 - Naj int
 - Nup lut
 - Pot fil
 - Pot fri
 - Pot per
 - Pot pus
 - Utr aus

- Röhricht**
- Car sp.
 - Fil ulm
 - Lyt sal
 - Men lon
 - Pha aru
 - Sch lac

Vegetationsgrenze
4 m





MONDSEE
2021
Transekt MON25

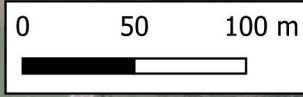
N

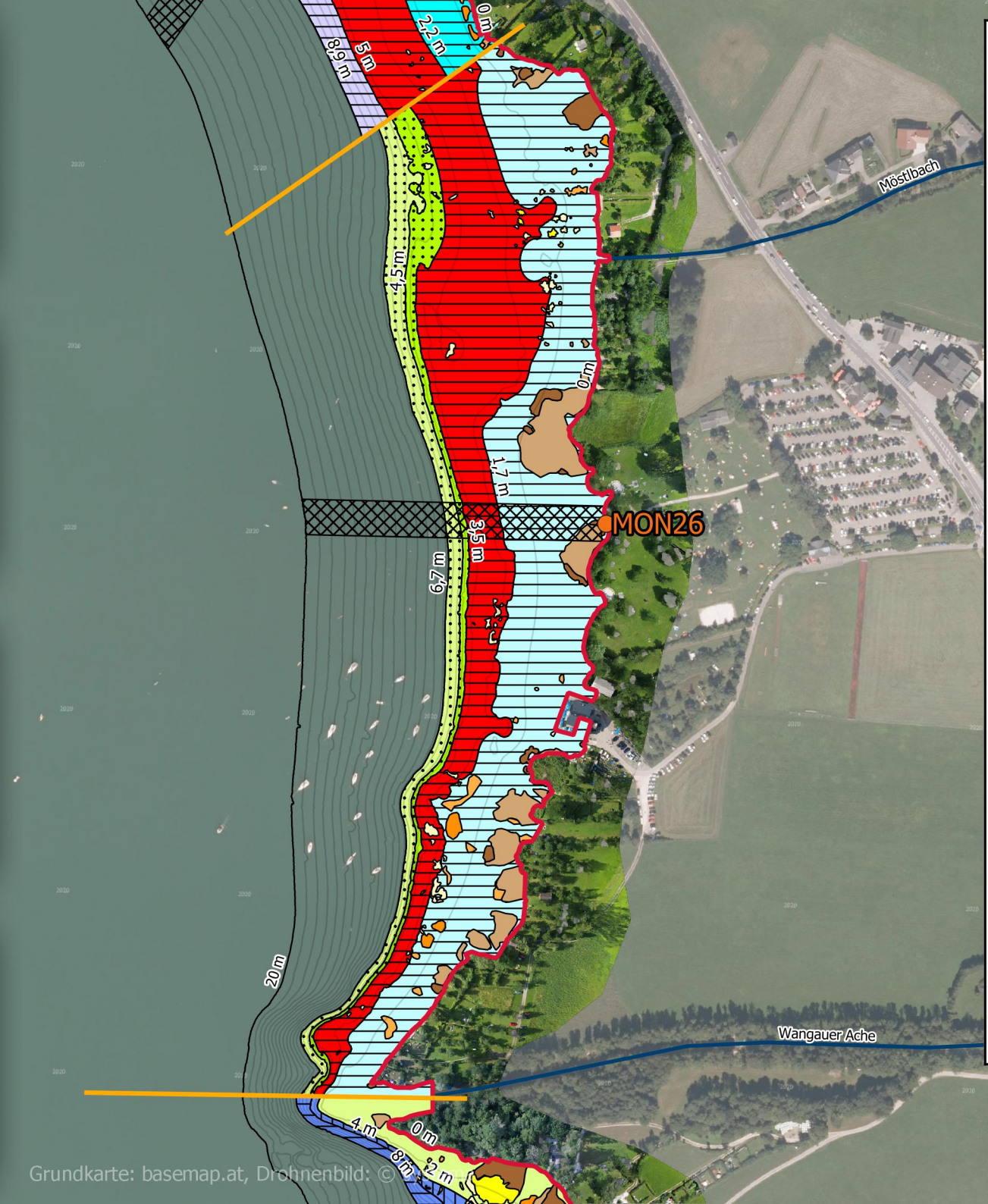
Characeen
 Cha glo
 Cha tom
 Nie obt

**Aquatische
 Höhere Pflanzen**
 Myr spi
 Naj int
 Nup lut
 Pot per
 Pot pus
 Utr aus

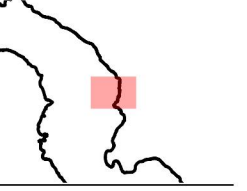
Röhrriicht
 Sch lac

Vegetationsgrenze
 8 m





MONDSEE
2021
Transekt MON26



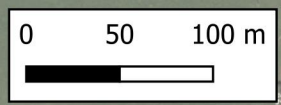
- Characeen**
- Cha asp Nit fle
 - Cha con Nit opa
 - Cha glo
 - Cha tom
 - Nie obt

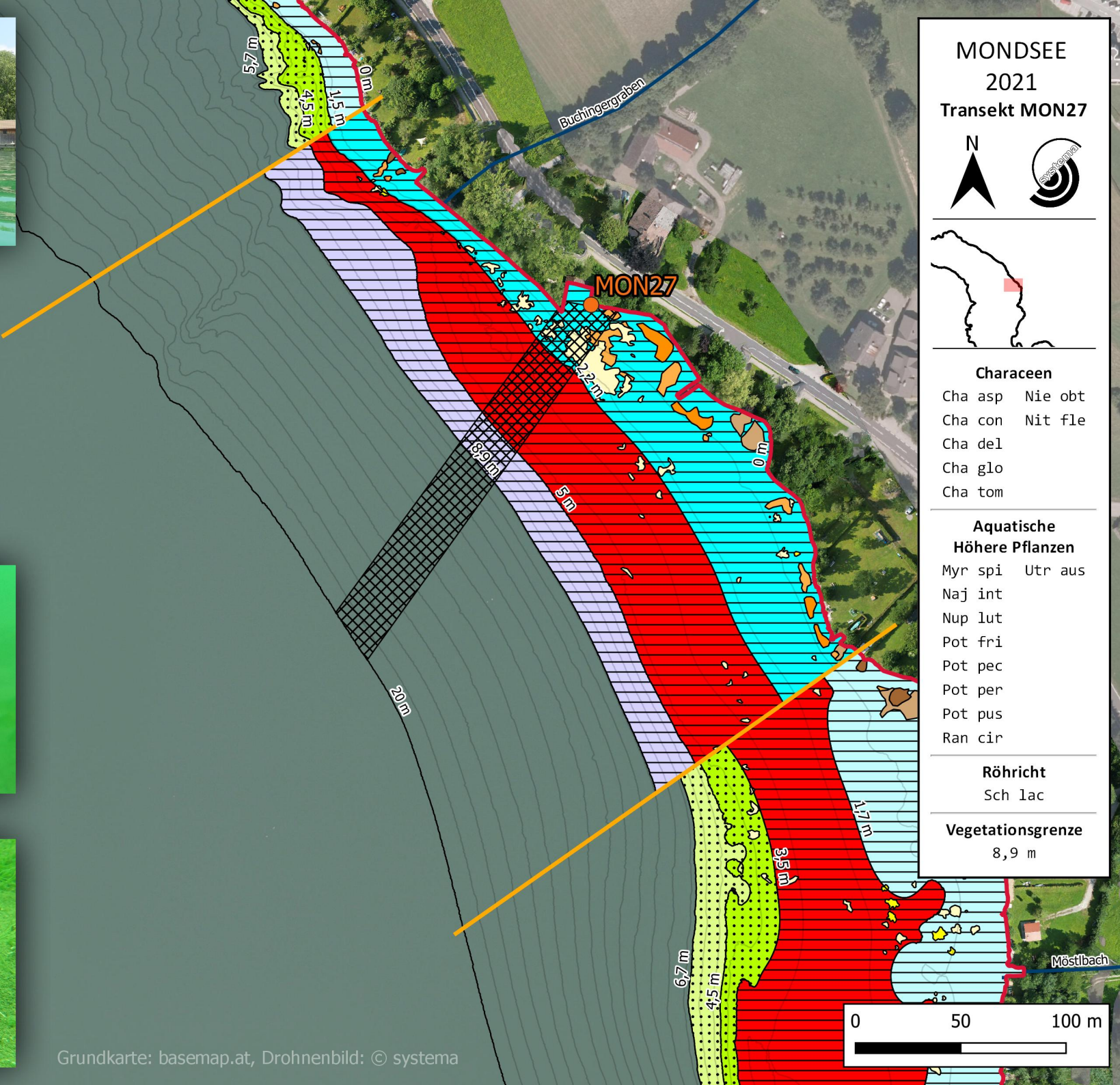
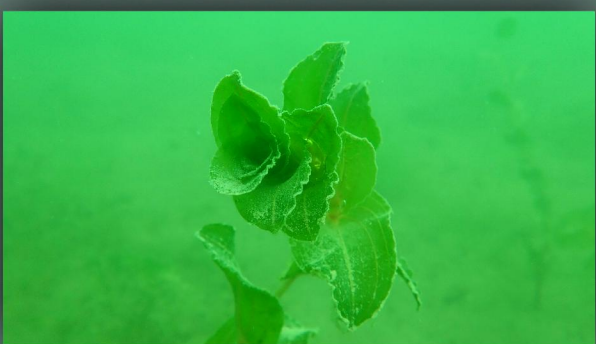
- Aquatische Höhere Pflanzen**
- Elo can Ran cir
 - Elo nut Utr aus
 - Myr spi
 - Naj int
 - Nup lut
 - Nym alb
 - Pot per
 - Pot pus

- Moose**
- Lep rip

- Röhricht**
- Phr aus
 - Sch lac

- Vegetationsgrenze**
- 6,7 m





MONDSEE
2021
Transekt MON27

N

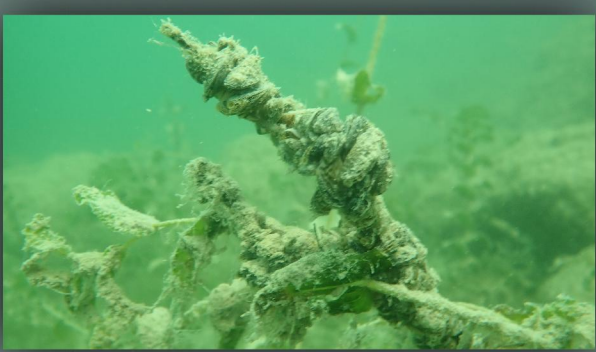
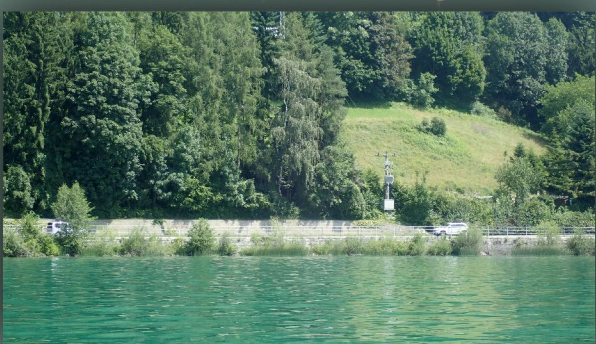
- Characeen**
- Cha asp Nie obt
 - Cha con Nit fle
 - Cha del
 - Cha glo
 - Cha tom

- Aquatische
 Höhere Pflanzen**
- Myr spi Utr aus
 - Naj int
 - Nup lut
 - Pot fri
 - Pot pec
 - Pot per
 - Pot pus
 - Ran cir

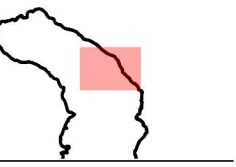
- Röhricht**
- Sch lac

Vegetationsgrenze
 8,9 m





MONDSEE
2021
Transekt MON28



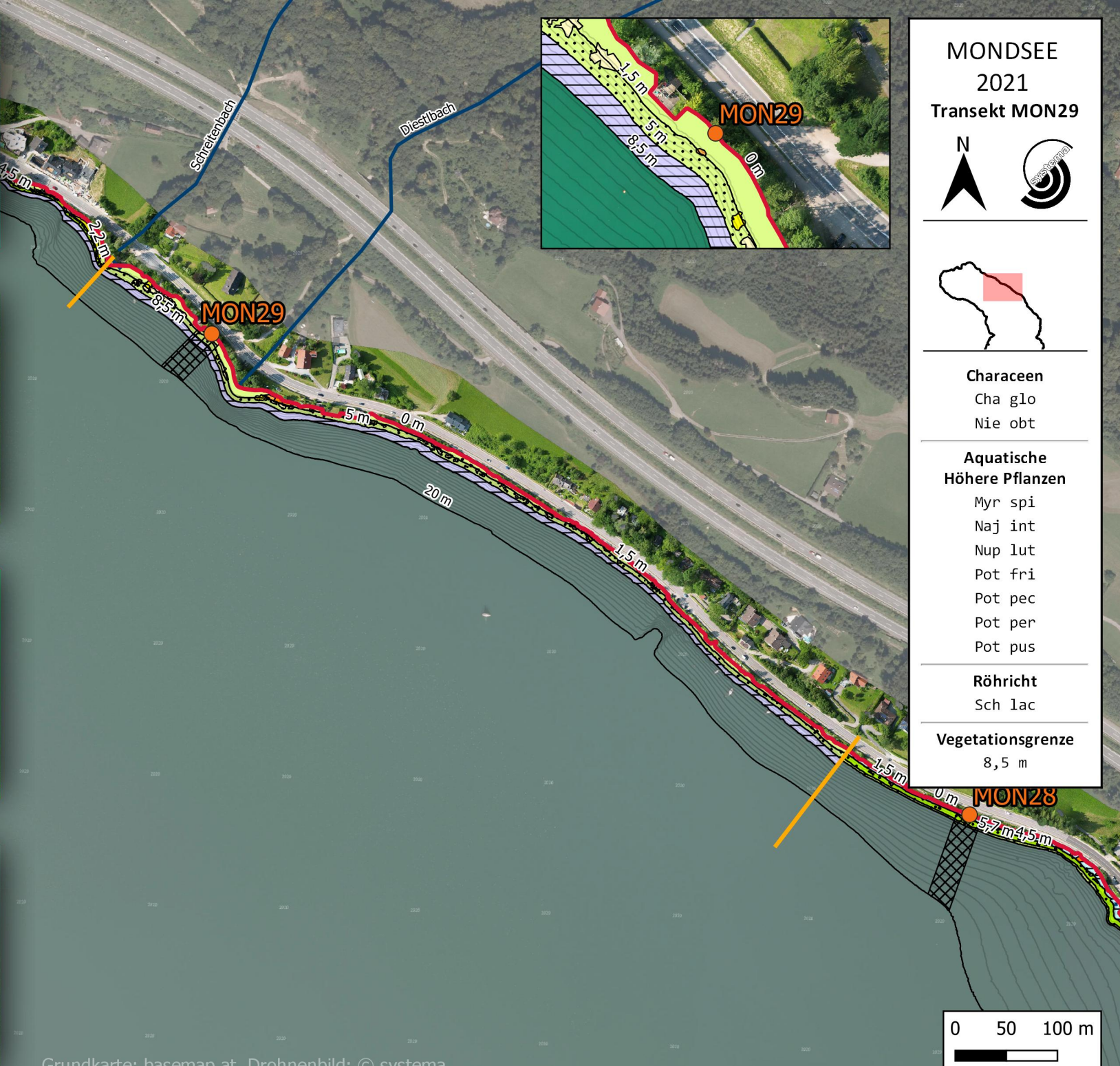
- Characeen**
 Cha asp
 Cha del
 Nie obt

- Aquatische
Höhere Pflanzen**
 Naj int
 Pot coo
 Pot fri
 Pot pec
 Pot per
 Pot pus

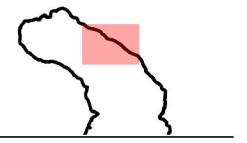
- Moose**
 Fon ant

- Röhricht**
 Sch lac

Vegetationsgrenze
 5,7 m



MONDSEE
2021
Transekt MON29



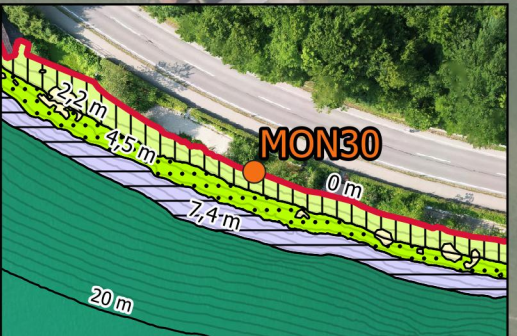
Characeen
Cha glo
Nie obt

**Aquatische
Höhere Pflanzen**
Myr spi
Naj int
Nup lut
Pot fri
Pot pec
Pot per
Pot pus

Röhricht
Sch lac

Vegetationsgrenze
8,5 m





MONDSEE
2021
Transekt MON30

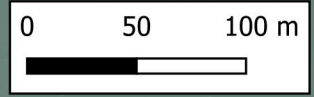


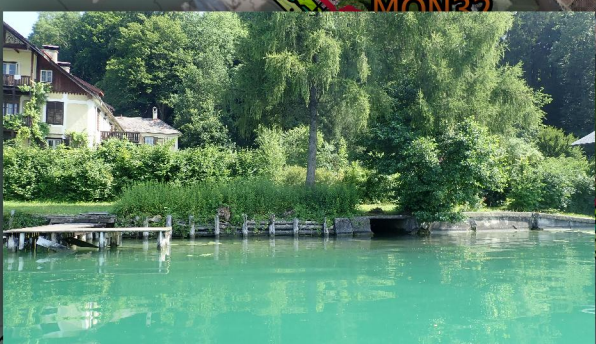
Characeen
Cha glo
Nie obt
Nit opa

**Aquatische
Höhere Pflanzen**
Ele aci Pot pus
Elo nut Ran cir
Myr spi
Naj int
Nup lut
Pot fri
Pot pec
Pot per

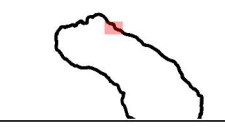
Moose
Bry pse
Cra com

Vegetationsgrenze
7,4 m





MONDSEE
2021
Transekt MON31



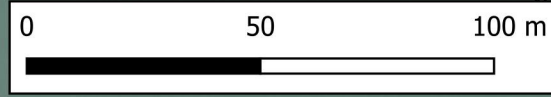
Characeen
Nie obt

**Aquatische
Höhere Pflanzen**
Myr spi
Naj int
Nup lut
Pot fri
Pot pec
Pot per
Pot pus

Moose
Amb hum
Dih pel
Jug atr
Pla rip

Röhricht
Men lon
Sch lac
Sol gig

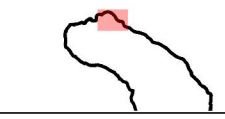
Vegetationsgrenze
6,9 m





MONDSEE
2021
Transekt MON32

N

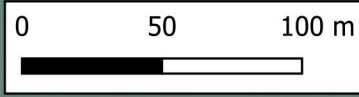


Characeen
Nie obt

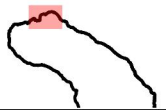
**Aquatische
Höhere Pflanzen**
Elo nut
Naj int
Nup lut
Pot fri
Pot pec
Pot per

Röhricht
Sch lac

Vegetationsgrenze
7,1 m



MONDSEE
2021
Transekt MON33



Characeen

- Cha glo
- Cha tom
- Nie obt

**Aquatische
Höhere Pflanzen**

- Elo nut
- Myr spi
- Naj int
- Nup lut
- Pot coo
- Pot fri
- Pot per
- Ran cir

Moose

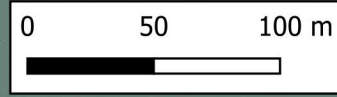
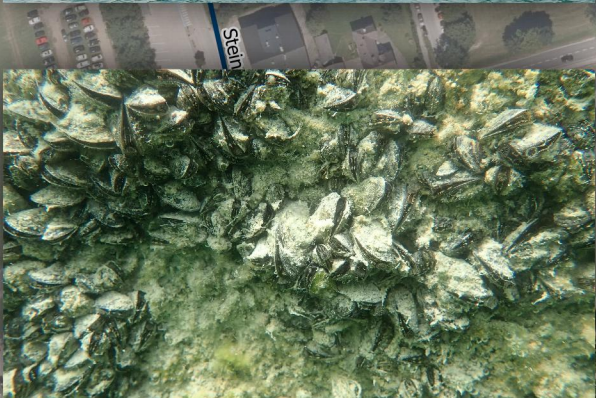
- Pla rip

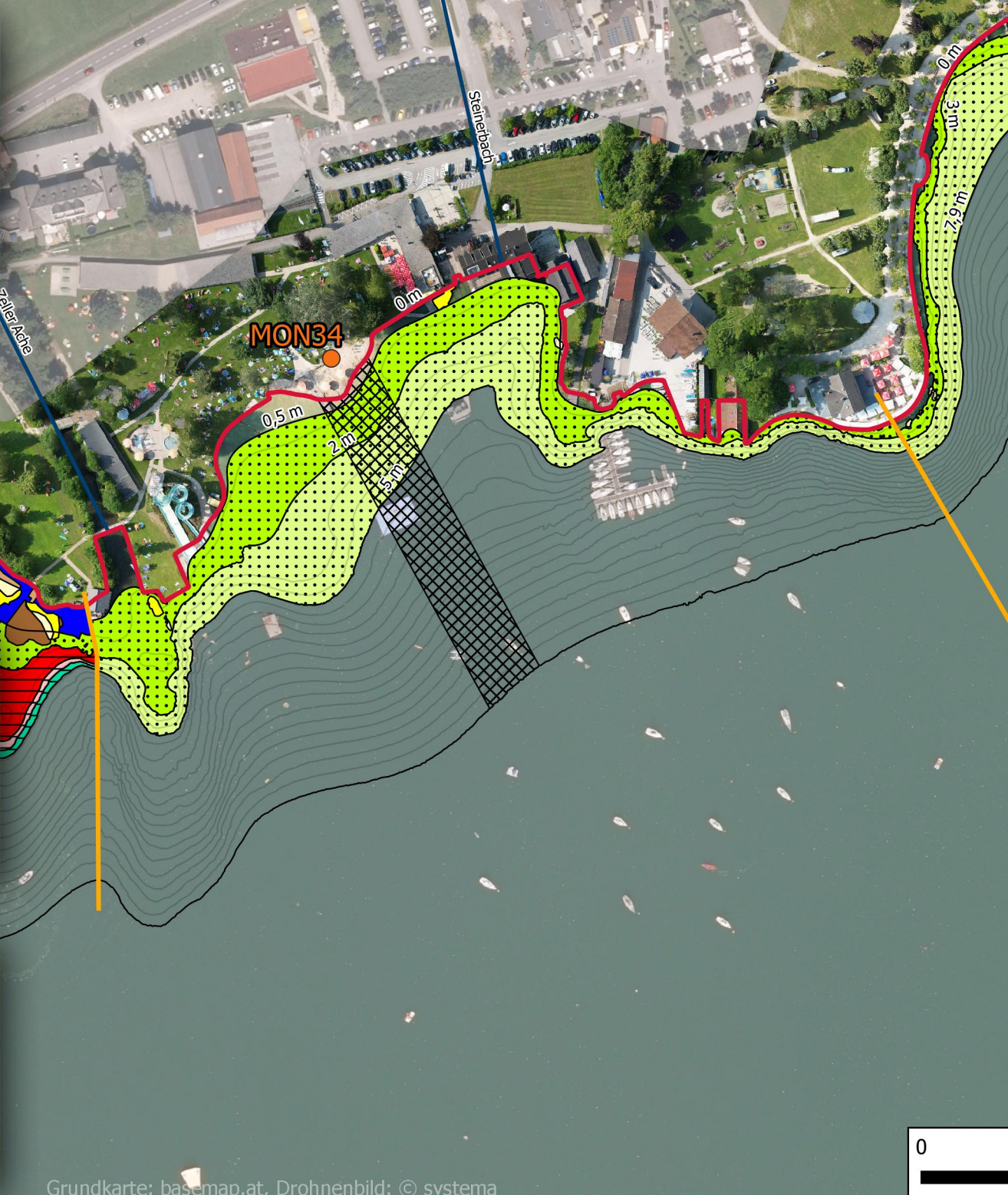
Röhricht

- Sch lac

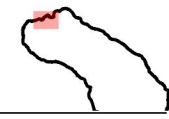
Vegetationsgrenze

7,9 m





MONDSEE
2021
Transekt MON34



- Characeen**
- Cha con
 - Cha tom
 - Nie obt

- Aquatische
Höhere Pflanzen**
- Elo nut Ran cir
 - Myr spi Utr aus
 - Naj int
 - Nup lut
 - Pot cri
 - Pot fri
 - Pot pec
 - Pot per

- Röhricht**
- Lyc eur
 - Sch lac

Vegetationsgrenze
5 m

