

BIM Manual - Fylkeskommunene

Vedlegg 03: Materialkoder

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Innledning

Dette vedlegget til BIM-Manualen er delt inn i to deler der den første delen skal sette standarden for prosjektets tekstur/material og fargebruk.

Den andre delen er gitt som veileder i prosjektet. Dette er gjort for å veilede om objektenes fargebruk i prosjektet og for å skape likheter.

1 Krav:


Objektene skal gjengis med naturlige og realistiske farger.

Fargene er delt inn etter følgende prinsipp.

- *ColBlueS* = *Farge Blå Standard*
- *ColBlueD* = *Farge Blå Dark*
- *ColBlueL* = *Farge Blå Light*

Innenfor hver farge er det definert 3 kategorier som benyttes etter følgende prinsipp:

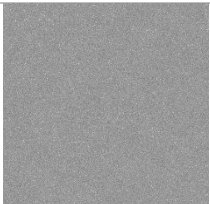

- *Standard (S)* = *Permanent prosjektert*
- *Dark (D)* = *Provisorisk/Rives*
- *Light (L)* = *Eksisterende elementer*

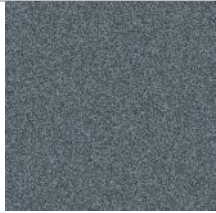
ColPurpleD	T_ColPurpleD Acadcolor: 194 RGB: 64,0,129	
Benyttes som standard for:		
<ul style="list-style-type: none"> • Eksisterende Rives/utgår alle FAG 		

2 Veileder

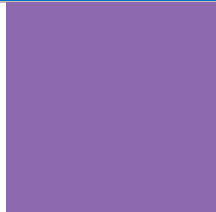
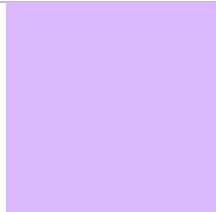
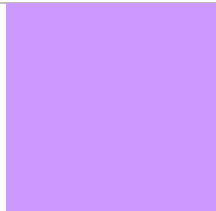
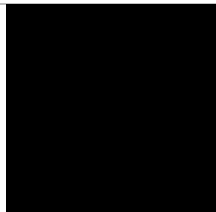


For å gjengi objektene så likt som mulig bør følgende teksturer/materialer og farger benyttes i prosjektet:

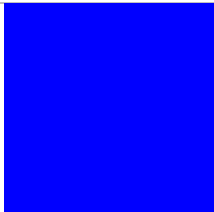

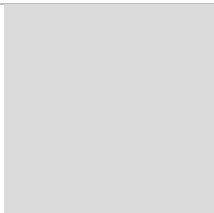

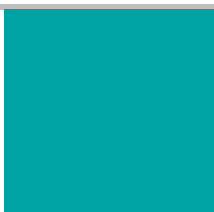
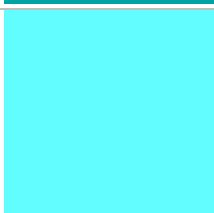
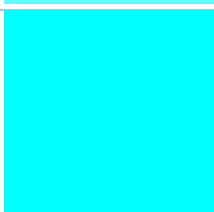
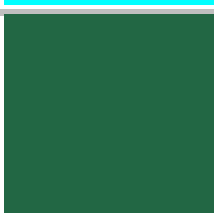
2.1 Asfalt /Asphalt



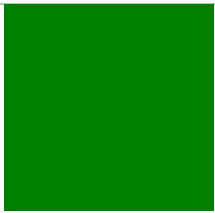
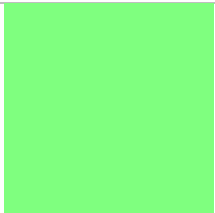
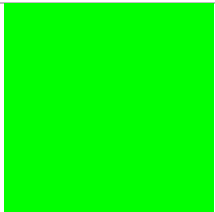
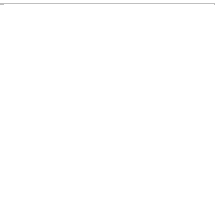
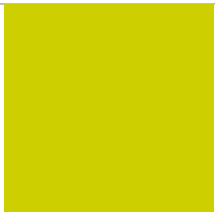
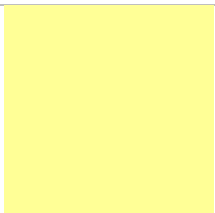
MATERIALKODE LAGNAVN	FILNAVN	BILDE
Asphalt01 Benyttes som standard for: <ul style="list-style-type: none"> • Europaveg • Hovedveg 	T_Asphalt01	
Asphalt02 Benyttes som standard for: <ul style="list-style-type: none"> • Fortau • Gang- og sykkelveg 	T_Asphalt02	
Asphalt03	T_Asphalt03	
Asphalt04 Benyttes som standard for: <ul style="list-style-type: none"> • Lokalveg 	T_Asphalt04	
Asphalt05	T_Asphalt05	
Asphalt06	T_Asphalt06	
Asphalt07 Benyttes som standard for: <ul style="list-style-type: none"> • Sykkelfelt • Sykkelveg 	T_Asphalt07	

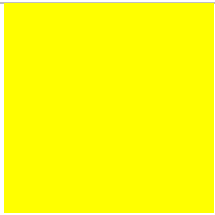
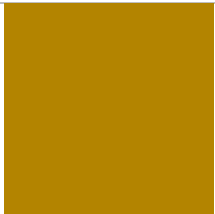




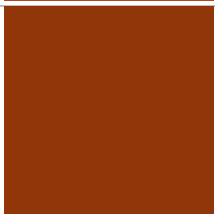
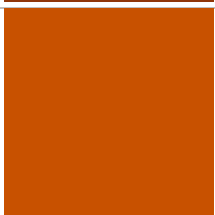
Asphalt08 Benyttes som standard for: <ul style="list-style-type: none"> • Kollektivfelt • Tungtrafikkfelt 	T_Asphalt08	
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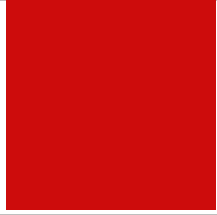
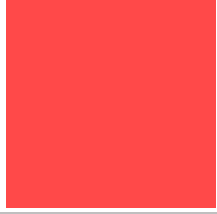
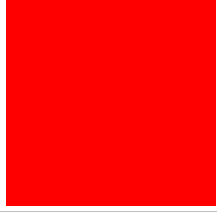
2.2 Farge / Color

MATERIALKODE LAGNAVN	FILNAVN	BILDE
ColPurpleD - <i>Provisorisk/Rives</i> Benyttes som standard for: <ul style="list-style-type: none"> • Eksisterende Rives/utgår alle FAG 	T_ColPurpleD Acadcolor: 194 RGB: 64,0,129	
ColPurpleL - <i>Eksisterende elementer</i>	T_ColPurpleL Acadcolor: 191 RGB: 212,170,255	
ColPurpleS - <i>Permanent prosjektert</i>	T_ColPurpleS Acadcolor: 190 RGB: 127,0,255	
ColBlackS - <i>Permanent prosjektert</i> Benyttes som standard for: <ul style="list-style-type: none"> • Prosjektert Overvann- og Drens- ledninger 	T_ColBlackS Acadcolor: 0 RGB: 0,0,0	
ColBlueD - <i>Provisorisk/Rives</i>	T_ColBlueD Acadcolor: 162 RGB: 0,46,189	
ColBlueL - <i>Eksisterende elementer</i>	T_ColBlueL Acadcolor: 151 RGB: 170,212,255	



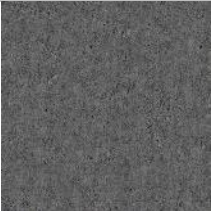
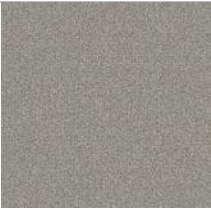




ColBlueS - <i>Permanent prosjektert</i> Benyttes som standard for: <ul style="list-style-type: none"> Prosjektert Vannledninger 	T_ColBlueS Acadcolor: 5 RGB: 0,0,255	
ColGrayD - <i>Provisorisk/Rives</i>	T_ColGrayD Acadcolor: 8 RGB: 65,65,65	
ColGrayL - <i>Eksisterende elementer</i> Benyttes som standard for: <ul style="list-style-type: none"> Eksisterende VA/DREN bevares 	T_ColGrayL Acadcolor: 254 RGB: 190,190,190	
ColGrayS - <i>Permanent prosjektert</i>	T_ColGrayS Acadcolor: 9 RGB: 128,128,128	
ColCyanD - <i>Provisorisk/Rives</i>	T_ColCyanD Acadcolor: 138 RGB: 0,79,79	
ColCyanL - <i>Eksisterende elementer</i>	T_ColCyanL Acadcolor: 131 RGB: 170,255,255	
ColCyanS - <i>Permanent prosjektert</i> Benyttes som standard for: <ul style="list-style-type: none"> Prosjektert Signal 	T_ColCyanS Acadcolor: 4 RGB: 0,255,255	
ColGreenD - <i>Provisorisk/Rives</i> Benyttes som standard for: <ul style="list-style-type: none"> Provisorisk/Rives Kabel-tv/fiberaktører 	T_ColGreenD Acadcolor: 118 RGB: 0,79,39	


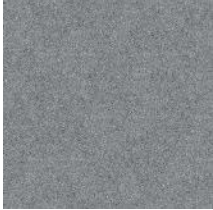






ColGreenL - <i>Eksisterende elementer</i> Benyttes som standard for: <ul style="list-style-type: none"> Eksisterende Kabel-tv/fiberaktører 	T_ColGreenL Acadcolor: 113 RGB: 126,189,157	
ColGreenS - <i>Permanent prosjektert</i> Benyttes som standard for: <ul style="list-style-type: none"> Prosjektert Kabel-tv/fiberaktører 	T_ColGreenS Acadcolor: 114 RGB: 0,129,64	
ColGreenD - <i>Provisorisk/Rives</i> Benyttes som standard for: <ul style="list-style-type: none"> Provisorisk/Rives Spillvann 	T_ColGreenD Acadcolor: 94 RGB: 0,127,0	
ColGreenL - <i>Eksisterende elementer</i> Benyttes som standard for: <ul style="list-style-type: none"> Eksisterende Spillvann 	T_ColGreenL Acadcolor: 91 RGB: 127,255,127	
ColGreenS - <i>Permanent prosjektert</i> Benyttes som standard for: <ul style="list-style-type: none"> Prosjektert Spillvann 	T_ColGreenS Acadcolor: 90 RGB: 0,255,0	
ColWhiteS - <i>Permanent prosjektert</i>	T_ColWhiteS Acadcolor: 0 RGB: 255,255,255	
ColYellowD - <i>Provisorisk/Rives</i>	T_ColYellowD Acadcolor: 52 RGB: 189,189,0	
ColYellowL - <i>Eksisterende elementer</i> Benyttes som standard for: <ul style="list-style-type: none"> Eksisterende Tele, Telenor 	T_ColYellowL Acadcolor: 51 RGB: 255,255,170	



ColYellowS - <i>Permanent prosjektert</i> Benyttes som standard for: <ul style="list-style-type: none"> Prosjektert Tele, Telenor 	T_ ColYellowS Acadcolor: 2 RGB: 255,255,0	
ColYellowOcherD - <i>Provisorisk/Rives</i>	T_ ColYellowOcherD Acadcolor: 44 RGB: 129,9,0	
ColYellowOcherL - <i>Eksisterende elementer</i>	T_ ColYellowOcherL Acadcolor: 43 RGB: 189,173,126	
ColYellowOcherS - <i>Permanent prosjektert</i>	T_ ColYellowOcherS Acadcolor: 42 RGB: 189,141,0	
ColBrownD - <i>Provisorisk/Rives</i>	T_ ColBrownD Acadcolor: 38 RGB: 79,39,0	
ColBrownL - <i>Eksisterende elementer</i>	T_ ColBrownL Acadcolor: 33 RGB: 189,157,126	
ColBrownS - <i>Permanent prosjektert</i>	T_ ColBrownS Acadcolor: 34 RGB: 129,64,0	
ColOrangeD - <i>Provisorisk/Rives</i>	T_ ColOrangeD Acadcolor: 32 RGB: 0,129,96	

ColOrangeL - <i>Eksisterende elementer</i> Benyttes som standard for: <ul style="list-style-type: none"> Eksisterende elektro, fylkeskommune 	T_ColOrangeL Acadcolor: 31 RGB: 255,212,170	
ColOrangeS - <i>Permanent prosjektert</i> Benyttes som standard for: <ul style="list-style-type: none"> Prosjektert elektro, fylkeskommune 	T_ColOrangeS Acadcolor: 30 RGB: 255,127,0	
•		
ColRedD - <i>Provisorisk/Rives</i>	T_ColRedD Acadcolor: 14 RGB: 129,0,0	
ColRedL - <i>Eksisterende elementer</i> Benyttes som standard for: <ul style="list-style-type: none"> Eksisterende Høy-/Lavspent, Å Energi 	T_ColRedL Acadcolor: 11 RGB: 255,170,170	
ColRedS - <i>Permanent prosjektert</i> Benyttes som standard for: <ul style="list-style-type: none"> Prosjektert Høy-/Lavspent, Å Energi 	T_ColRedS Acadcolor: 10 RGB: 255,0,0	




2.3 Betong / Concrete

MATERIALKODE LAGNAVN	FILNAVN	BILDE
Concrete01 Benyttes som standard for: <ul style="list-style-type: none"> Prosjektert betong 	T_Concrete01	
Concrete02	T_Concrete02	
Concrete03 Benyttes som standard for: <ul style="list-style-type: none"> Prosjektert prefab. betong 	T_Concrete03	
Concrete04	T_Concrete04	
Concrete05	T_Concrete05	
Concrete06 Benyttes som standard for: <ul style="list-style-type: none"> Eksisterende betong 	T_Concrete06	
Concrete07	T_Concrete07	
Concrete08	T_Concrete08	


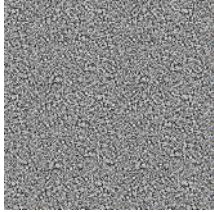

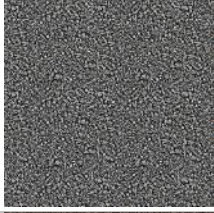




Concrete09	T_Concrete09	
Concrete10	T_Concrete10	
Concrete11	T_Concrete11	
Concrete12	T_Concrete12	
Concrete13	T_Concrete13	
Concrete14	T_Concrete14	
Concrete15	T_Concrete15	
Concrete16	T_Concrete16	

Concrete17	T_Concrete17	
Concrete18	T_Concrete18	


2.4 Kompositt / Composite

MATERIALKODE LAGNAVN	FILNAVN	BILDE
Composite01	T_Composite01	
Composite02	T_Composite02	
Composite03	T_Composite03	

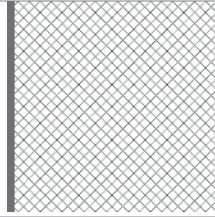
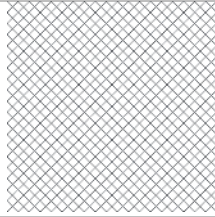
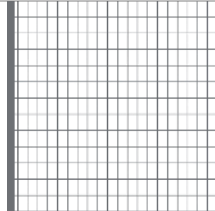
2.5 Stein / Crushed Stone

MATERIALKODE LAGNAVN	FILNAVN	BILDE
Stone01	T_Stone01	
Stone02	T_Stone02	
Stone03	T_Stone03	
Stone04	T_Stone04	
Stone05	T_Stone05	
Stone06	T_Stone06	
Stone10	T_Stone10	
Stone11	T_Stone11	

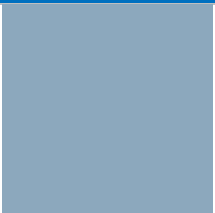
Stone_Frac_0-4	T_Stone_Frac_0-4		
Stone_Frac_0-11	T_Stone_Frac_0-11		
Stone_Frac_0-22	T_Stone_Frac_0-22		
Stone_Frac_0-32 Benyttes som standard for: <ul style="list-style-type: none"> • Avrettingslag 	T_Stone_Frac_0-32		
Stone_Frac_0-60	T_Stone_Frac_0-60		
Stone_Frac_2-4	T_Stone_Frac_2-4		
Stone_Frac_4-8	T_Stone_Frac_4-8		
Stone_Frac_4-16	T_Stone_Frac_4-16		

Stone_Frac_8-12	T_Stone_Frac_8-12		
Stone_Frac_8-16	T_Stone_Frac_8-16		
Stone_Frac_12-16	T_Stone_Frac_12-16		
Stone_Frac_22-120	T_Stone_Frac_22-120		
Stone_Frac_32-63	T_Stone_Frac_32-63		



2.6 Gjerde / Fence

MATERIALKODE LAGNAVN	FILNAVN	BILDE
Fence01	T_Fence01	
Fence02	T_Fence02	
Fence03	T_Fence03	

2.7 Glass / Glas



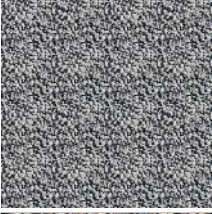

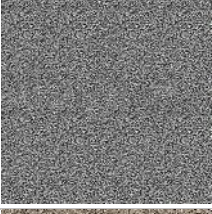

MATERIALKODE LAGNAVN	FILNAVN	BILDE
Glass01	T_Glass01	

2.8 Grass/Gress


MATERIALKODE LAGNAVN	FILNAVN	BILDE
Grass01	T_Grass01 Grasdekke: Grasdekke(1)	
Grass02	T_Grass02 Grasdekke: Grasbane(2)	

Grass03	T_Grass03 Grasdekke: Grasplen(3)		
Grass04	T_Grass04 Grasdekke: Blomstereng(4)		
Grass05	T_Grass05 Grasdekke: Grasbakke(5)		
Grass06	T_Grass06		
Grass07	T_Grass07		
Grass08	T_Grass08		
Grass09	T_Grass09 Grasdekke: Naturområde(6)		

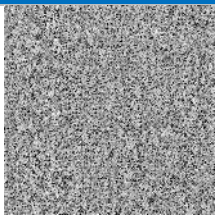
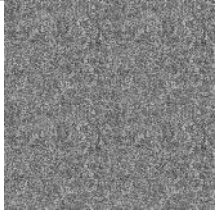


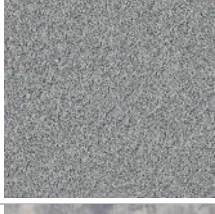


2.9 Grus / Gravel

MATERIALKODE LAGNAVN	FILNAVN	BILDE
Gravel01	T_Gravel01	
Gravel02	T_Gravel02	
Gravel03	T_Gravel03	
Gravel04	T_Gravel04	
Gravel05	T_Gravel05	
Gravel06	T_Gravel06	


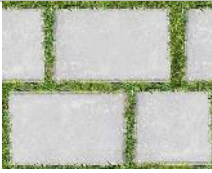






2.10 Isolasjon / Insulation



MATERIALKODE LAGNAVN	FILNAVN	BILDE
Insulation11	T_Insulation11	

2.11 Stein-Granitt / Natural Stone




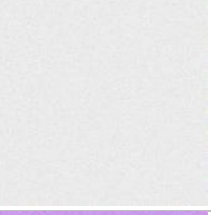

MATERIALKODE LAGNAVN	FILNAVN	BILDE
NStone01	T_NStone01	
NStone02	T_NStone02	
NStone03	T_NStone03	
NStone04	T_NStone04	
NStone05	T_NStone05	
NStone12	T_NStone12	
NStone13	T_NStone13	

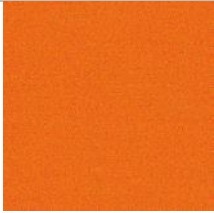

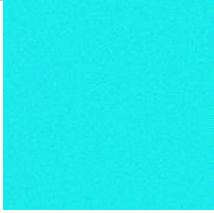




2.12 Belegningstein / PavementTiles

MATERIALKODE LAGNAVN	FILNAVN	BILDE
PStone01	T_PStone01	
PStone02	T_PStone02	
PStone03	T_PStone03	
PStone04	T_PStone04	
PStone05	T_PStone05	
PStone06	T_PStone06	
PStone07	T_PStone07	
PStone08	T_PStone08	


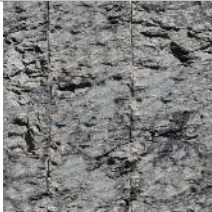




PStone09	T_PStone09		
PStone10	T_PStone10		

2.13 Plast / Plastic


MATERIALKODE LAGNAVN	FILNAVN	BILDE	
Plastic01	T_Plastic01		
Plastic02	T_Plastic02		
Plastic03	T_Plastic03		
Plastic04	T_Plastic04		
Plastic05	T_Plastic05		



Plastic06	T_Plastic06		
Plastic07	T_Plastic07		
Plastic08	T_Plastic08		
Plastic09	T_Plastic09		
Plastic10	T_Plastic10		
Plastic11	T_Plastic11		
Plastic12	T_Plastic12		

2.14 Fjell - Berg / Rock

MATERIALKODE LAGNAVN	FILNAVN	BILDE
Rock01	T_Rock01	
Rock02	T_Rock02	
Rock03	T_Rock03	
Rock04	T_Rock04	
Rock05	T_Rock05	
Rock06	T_Rock06	




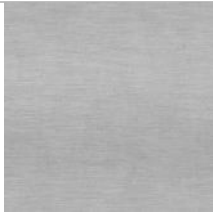
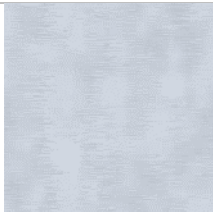


2.15 Løsmasser / Soil


MATERIALKODE LAGNAVN	FILNAVN	BILDE
Soil01	T_Soil01	

Soil02	T_Soil02		
Soil03	T_Soil03		
Soil04	T_Soil04		
Soil05	T_Soil05		
Soil06	T_Soil06		
Soil07	T_Soil07		
Soil08 Benyttes som standard for: <ul style="list-style-type: none"> Gravenivå 	T_Soil08		
Soil09	T_Soil09		

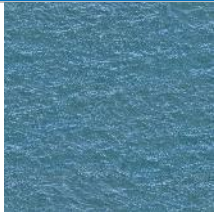
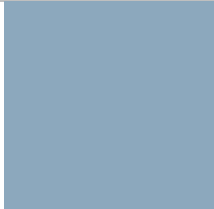
Soil10	T_Soil10	
Soil11	T_Soil11	
Soil12	T_Soil12	
Soil13	T_Soil13	
Soil14	T_Soil14	
Soil15	T_Soil15	
Soil16	T_Soil16	
Soil17	T_Soil17	

2.16 Stål/Steel

MATERIALKODE LAGNAVN	FILNAVN	BILDE
Steel01 Benyttes som standard for: <ul style="list-style-type: none"> • Prosjektert stål 	T_Steel01	
Steel02 Benyttes som standard for: <ul style="list-style-type: none"> • Eksisterende stål 	T_Steel02	
Corten	T_Steel02	
Steel03	T_Steel03	
Steel04	T_Steel04	
Steel05	T_Steel05	
Steel06	T_Steel06	
Steel07	T_Steel07	

Steel08	T_Steel08		
Steel09	T_Steel09		
Steel10	T_Steel10		
Steel11	T_Steel11		
Steel12	T_Steel12		








2.17 Vann / Water



MATERIALKODE LAGNAVN	FILNAVN	BILDE	
Water01	WaterPlain0012		
Water02	T_Glass01		

2.18 Tre / Wood

MATERIALKODE LAGNAVN	FILNAVN	BILDE
Wood01	T_ Wood01	
Wood02	T_ Wood02	
Wood03	T_ Wood03	
Wood04	T_ Wood04	
Wood05	T_ Wood05	
Wood06	T_ Wood06	
Wood07	T_ Wood07	

2.19 Tre-Vegetasjon punkter / Tree

MATERIALKODE LAGNAVN	FILNAVN	BILDE
Tree01	Tree_Leaf18 Tretype: uklassifisert/ukjent(01)	
Tree02	Pinus nigra Tretype: Bar(2)	
Tree03	Quercus robur_young Tretype: Løvfellende(3)	
Abies	Abies Tretype: Bar(2)	
Chamaecyparis	Thuja occidentalis 'Columna'.png Tretype: Bar(2)	
Juniperus	Thuja occidentalis 'Columna'.png Tretype: Bar(2)	
Picea	Picea.png Tretype: Bar(2)	

Pinus	Pinus sylvestris_old_thin crown.png Tretype: Bar(2)	
Pinus	Pinus nigra.png Tretype: Bar(2) BotaniskNavn: Pinus nigra	
Acer	Acer platanoides_young.png Tretype: Løvfellende(3)	