

	SeaBASS and current report abbreviation	SeaHARRE and/or previous report abbreviation	full name	notes
Primary Pigments	Allo	Allo	alloxanthin	
	alpha-beta-Car	Caro	carotenes	alpha (beta, epsilon) + beta (beta, beta) carotene. Unresolved and therefore undifferentiated
	But-fuco	But fuco	19'-butanoyloxyfucoxanthin	
	Diadino	Diad	diadinoxanthin	
	Diato	Diato	diatoxanthin	
	Fuco	Fuco	fucoxanthin	
	Hex-fuco	Hex fuco	19'-hexanoyloxyfucoxanthin	
	Perid	Perid	Peridinin	
	Tot_ChI_a	TChI a	total chlorophyll a	DV_ChI_a + MV_ChI_a + Chlide_a + ChI_a allomers + ChI_a epimers
	Tot_ChI_b	TChI b	total chlorophyll b	DV_ChI_b + MV_ChI_b + ChI_b epimers
Tot_ChI_c	TChI c	total chlorophyll c	ChI_c3 + ChI_c12	
Zea	Zea	Zeaxanthin		
Secondary Pigments	ChI_c3	ChI c3	Chlorophyll c3	
	Chlide_a	Chlide a	chlorophyllide a	
	DV_ChI_a	DVChI a	divinyl chlorophyll a	
	DV_ChI_b	DVChI b	divinyl chlorophyll b	
	MV_ChI_a	ChI a	monovinyl chlorophyll a	
	MV_ChI_b	ChI b	monovinyl chlorophyll b	
		ChI c12	Chlorophyll c2 + chlorophyll c1 + MGDVP	
		MGDVP	Mg-2,4-divinyl pheoporphyrin a5 monomethyl ester	

Tertiary Pigments

Lut
Neo
Phide_a
Phytin_a
Pras
Viola

Lut
Neo
Phide a
Phytin a
Pras
Viola

Lutein
Neoxanthin
total pheophorbide a
total pheophytin a
Prasinoxanthin
Violaxanthin

multiple peaks
pheophytin a + pheophytin a'

Ancillary Pigment

Gyro

Gyr diester

Gyroxanthin diester

SeaBASS

abbreviation description

DP	total diagnostic pigments
PPC	photoprotective carotenoids
PPC_TCar	ratio of photoprotective carotenoids to total carotenoids
PPC_TPg	ratio of photoprotective carotenoids to total pigments
PSC	photosynthetic carotenoids
PSC_TCar	ratio of photosynthetic carotenoids to total carotenoids
PSP	photosynthetic pigments
PSP_TPg	ratio of photosynthetic pigments to total pigments
TAcc	total accessory pigments
TAcc_TChla	ratio of total accessory pigments to total chlorophyll a
TCar	total carotenoids
TChl	total chlorophylls
TChl_TCar	ratio of total chlorophyll to total carotenoids
TChla_TPg	ratio of total chlorophyll a to total pigments
TPg	total pigments

notes

PSC + allo + zea + Tot_ChI_b
allo + diadino + diato + zea + alpha-beta-car
[PPC]/[Tcar]
[PPC]/[TPg]
but-fuco + fuco + hex-fuco + perid
[PSC]/[TCar]
PSC + TChl
[PSP]/[TPg]
PPC + PSC + Tot_ChI_b + Tot_ChI_c
[Tacc]/[Tchla]
PPC + PSC
Tot_ChI_a + Tot_ChI_b + Tot_ChI_c
[TChl]/[TCaro]
[TChla]/[TPg]
TAcc + Tot_ChI_a