

# DIATOMS No.6

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1 - 61



## WALKER-ARNOTT SLIDE COLLECTION

Book N° 6

Transcribed by C. P. RAWCLIFFE

P = PRITCHARD (1861) V = Van Landingham (I-VI) 1975

Unmarked = W. SMITH, Vols 1 &amp; 2 (1853-1856)

## TRAY N° 54 MIDDLE cont. (Book N° 5)

S456	Mud adhering to blank Rotterdam	E 632	Coscinodiscus subtilis Ehr. Cyclotella dallasiana
S457	Hull	2746	Nitzschia blank followed by erasure
-	Skirlaugh	2545	Nitzschia dubia Tryblionella apiculata
S458	Haverfordwest	E 633	Cocconeis parvum
S458	-	554	Cocconeis parvum
TRAY 54 BOTTOM			
S459	Neyland	E 634	Pinnularia cyprinus Stauroneis salina Pleurosigma quadratum Amphiprora vitrea
S459	-	3354	Pleurosigma quadratum Pinnularia cyprinus
S460	Haverfordwest	572	Stauroneis salina Amphiprora vitrea
S459	-	185	Amphiprora vitrea Stauroneis salina
S460	Haverfordwest	197	Pinnularia cyprinus Pleurosigma quadratum
S459	-	3960	Stauroneis salina Pinnularia cyprinus
S460	-	2571	Pleurosigma quadratum Amphiprora vitrea
S459	-	4427	Diatomacaea
S459	-	3958	Stauroneis salina Amphiprora vitrea Pinnularia cyprinus Pleurosigma acuminatum

cont. on 2



TRAY 54 BOTTOM cont.

5459	Neyland	3958	Pleurosigma quadratum cont.	OK 309
5459	+	2961	Pinnularia cyprinus Stauroneis salina	
5461	+	3972	Amphiprora vitrea Pleurosigma acuminatum	OK V3355
5459	Neyland	193	P. quadratum Amphiprora vitrea (small) Stauroneis salina	
5462	Haverford west (w)	1533	Pinnularia cyprinus Pleurosigma acuminatum	
5463	Haverford west	E 636	P. quadratum	
5459	-	3233	Pleurosigma acuminatum P. quadratum	
5463	+	4034	Stauroneis salina Amphiprora vitrea Pinnularia cyprinus	
5464	Neyland	2520	Tryblionella acuminata	V349
5460	Haverford west	572	Colletonema neglectum Gomphonema capitatum	P926 P887
5464	+	2519	Nitzschia blank	
		footnote	was interesting but only Pinnularia radiosa	
		TRAY 55	TOP	
5460	Haverford west	1431	Gomphonema capitatum Colletonema neglectum	
5465	Teignmouth	E 637	Nitzschia linearis? (w)	
5460	-	2571	Nitzschia linearis var Gomphonema capitatum	
5465	+	4302	Colletonema neglectum	V4098
5461	-	E 635	Stauroneis ventricosa Nitzschia palea Smith	P912 V3088
			litt. ad OK.329 (erude) cont. on 3	



## TRAY 55 TOP cont.

S461	Haverfordwest	2597	Nitzschia palea SM in litt ad OK 329 Stauroneis ventricosa (crude)
S461	→	2598	Nitzschia palea blank Stauroneis ventricosa
S461	→	3972	Stauroneis ventricosa Nitzschia palea SM in litt ad OK 329 (crude)
S462	Neyland	857	Cymbella ventricosa? (small) Gomphonema fenellum
S462	Haverford west (sic)	1533	Gomphonema fenellum Cymbella ventricosa
S463	Haverfordwest	E636	Synedra delicatissima S. tenera S. radians
S463	→	4034	Synedra delicatissima S. tenera (scarce) S. radians
S464	Neyland	2520	Nitzschia birostrata ✓3019 N. sigma N. lanceolata
S464	→	2519	N. birostrata
		TRAY 55	MIDDLE
S464	Neyland (Pier)	2637	Nitzschia blank N. sigma N. birostrata
S465	Teignmouth	E637	Eupodiscus crassus? (WG) Bidulphus baileyi Coscinodiscus radiatus
S465	→	4303	Triceratium variabile sic ✓4092 Bidulphus baileyi Orthosira marina Coscin(odiscus) blank
			cont. on 4



TRAY 55 MIDDLE cont.

S465	Teignmouth	351	Biddulphia baileyi B. baileyi Coscin(odiscus) blank	Val-??
S465	-  -	2864	Orthosira marina Eupodiscus crassus	
S465	-  -	357	Biddulphia baileyi Coscinodiscus centralis Eupodiscus blank	V 873
S465	-  -	470	Cocconeis distans Orthosira marina	
S465	-  -	593	Coscinodiscus centralis excentricus & linearis	(C.P.R.?)
S465	-  -	2300	Navicula praterera Eupodiscus blank Biddulphia baileyi	
S465	-  -	1268	Eupodiscus crassus Coscinodiscus radiatus Biddulphia baileyi	
S465	-  -	1267	Orthosira marina Eupodiscus crassus (large & small) Coscinodiscus radiatus Biddulphia baileyi	

ONE SLIDE MISSING cont. on 5



TRAY 55 BOTTOM

S465	Teignmouth	660	Cresswellia kurtis WG a sketch (mar) Biddulphia baileggi Coscin(odiscus) blank
S466	PENZANCE	4014	Synedra baculus WG ✓3900 26.6.07 = S. fulgens var. Eupodiscus subtilis R
S466	-L	1306	Eupodiscus subtilis Ralf Greg av Synedra baculus Gr
S467	Dartmoor	735	Cymbella aequalis Sm P876 Gomphonema fibula Navicula serians Eunotia bidentula P763 Himantidium pectinale P765
S467	-L	1478	Gomphonema fibula W.S. Cymbella aequalis Melosira distans
S467	-L	1805	Melosira distans Gomphonema fibula
S467	-L	4431	Diatomacea
S467	-L	E 638	Gomphonema fibula Cymbella aequalis Eunotia incisa P763 Himantidium arcus P765 Melosira distans
S468	Corrieghills	251	Amphora proteus Gr (marina WS) Coeconeis dirupta Gr (diaphana Sm)
S468	-L	464	Coeconeis dirupta Gr (diaphana Sm) Amphora proteus Gr (marina WS)

Conti on 6



TRAY 55 BOTTOM cont.

S468	Corrieghills	464 (cont.)	Navicula blank Two Slides Missing
TRAY 56 TOP			
S468	Corrieghills	3944	Stauroneis pulchella α & β Navicula crabro Surirella fastuosa
S468	-  -	3413	Podosira maculata Eupodiscus ralfsii Navicula crabro Stauroneis fastuosa sic Suggest generic names crossed
S468	-  -	1285	Eupodiscus ralfsii Surirella fastuosa Amphitetras antediluviana Navicula blank
S468	-  -	2017	Stauroneis pulchella Navicula crabro var N. cornelis didyma var Stauroneis pulchella Eupodiscus ralfsii
S468	-  -	E 639	Amphora marina var P 884 Amphiprora lepidoptera P 922 Navicula didyma var N. -irella crabro var Stauroneis pulchella
S469	-  -	629	Amphora marina or Kurz Eupodiscus ralfsii Surirella fastuosa
S469	-  -	3782	Surirella fastuosa Amph(ora) scotica Not traced in P or W.S. V has 'scotia' dated 1933. Annots 's' has 'scotia' deleted, replaced 'marina'. V 237 has 'marina' (W.S.) but 'marina' Ralfs does not agree with P. p 884

cont. on 7



TRAY 56 TOP cont.

S469	Corrieghills	3782	Navicula crabro
		cont.	Strauroneis pulchella
S469	-	227	Amphora marina Sm. (= A. affinis)
			Strauroneis pulchella
			Navicula crabro
			N. didyma
S469	-	423	Campylodiscus parvulus
			Navicula crabro
			Strauroneis pulchella
			Amphora <del>blank</del>
S469	-	3943	Strauroneis pulchella
			Navicula crabro
			N. didyma
			Amphora scotica
S469	-	2016	Navicula crabro var
			N. didyma var
			Cocconeis disrupta
			Strauroneis pulchella
			Amphora marina
S469	-	E 640	Navicula didyma var.
			N. crabro var
			Strauroneis pulchella
			Surirella fastuosa
			Cocconeis disrupta
S470	-	629	Coscinodiscus minor Kütz (non Smi)
			Amphora scotica
			Amph lobata

cont. on 8

cont. on 9



TRAY 56 MIDDLE

5470	Corrieghills	410	Campylochiscus hodgsonii Coscinodiscus minor K Amphora scotica Amphiprora complexa	P 800
	-  -	224	Amphora marina (a Hinis var) ? Coscinodiscus minor	
5472	Neyland	E 641	Amphipleura inflexa	V 154
5472	-  -	3240	Pleurosigma aestuari var Amphipleura inflexa	
5472	-  -	116	Amphipleura inflexa	
5473	Cove, Aberdeen	2900	Orthosira spinosa O. <del>sp.</del> dickieii	
5473	-  -	E 642	Navicula <del>sp.</del> <b>erased</b> Diadasmus biceps Diadasmus gallica Orthosira spinosa	V 1283 V 1283
5475	-  -	E 644	O. <del>sp.</del> dickieii	
5475	-  -	152	Tryblionella <b>blank</b>	V 162
5473	-  -	962	Diadasmus gallica <b>? erased</b>	
5475	-  -	153	Navicula clavicularia var	
5476	-  -	181	Orthosira spinosa O. dickieii Achnanthis lanceolatum	V 73
5473	-  -	961	Diadasmus gallica <b>? erased</b>	
5476	-  -	149	Orthosira spinosa O. dickieii	
5473	-  -	4388	Tryblionella <b>? erased</b> Navicula <b>blank</b>	
5476	Corrieghills	429	Orthosira spinosa O. dickieii Diadasmus gallica	Cont on 10

Cont. on 9



TRAY 56 MIDDLE

5473	Cove, Aberdeen	2471	Navicula blank
			Diadesmis biceps
			D. gallica
			Ortnosira spinosa
			O. dickieii
5474	Corrieghills	3941	Stauroneis pulchella
			Navicula didyma
TRAY 56 BOTTOM			
5474	Corrieghills, Arran	2918	Navicula crabro
			N. didyma
			Stauroneis pulchella
			Amphiprora lepidoptera
			Surirella fastuosa
5474	--	E 643	Navicula didyma var
			N. crabro var
			Stauroneis pulchella
			Amphora marina
			Cocconeis disrupta
5475	--	E 644	Amphiprora lepidoptera
5475	--	152	Amphiprora complexa
			A. lepidoptera
5475	--	153	Amphiprora complexa
5476	--	181	Amphiprora lepidoptera
			A. complexa
			Campylodiscus simulans
5476	--	149	Amphiprora complexa (assumed from m/s)
			?
5476	Corrieghills	429	Campylodiscus simulans
			Amph. lobata

cont. on 10



TRAY 5 6 BOTTOM cont.

5476	Corriehills	154	Amphiprora complexa	
5476	-ll-	E645	Amphiprora lepidoptera	
			A. complexa	
			Campylodiscus simulans	
5477		615	Coscinodiscus	2 Slides missing
<u>Cabinet 3</u>		<u>Tray 1</u>	<u>TOP</u>	24.7.02
5477	Teignmouth	2198	Navicula latissima Greg	perforatus
			N. adelphi kennedyii	.
			Eupodiscus	n.sp.
5477	-ll-	E647	Coscinodiscus	n.sp.
5477	-ll-	214	Amphora arcus	W.G.
			Eupodiscus	n.sp.
			Coscinodiscus	n.sp.
5477	-ll-	215	Amphora arcus	W.G.
			Eupodiscus	n.sp.
5477	-ll-	599	Coscinodiscus	n.sp.
5477	-ll-	1275	Eupodiscus fulvus	
			Coscinodiscus	n.sp?
5477	-ll-	1272	Eupodiscus fulvus	
			E. crassus	
			Coscinodiscus	n.sp
5477	-ll-	1300	Eupodiscus sculptus	
	Teignmouth	602	E. crassus	
		footnote	E. fulvus	
			Coscinodiscus centralis	
			C. radiatus	
			C. eccentricus	P 831
5477	-ll-	607	C. concinnus	P 828
5477	-ll-	3409	Podosira maculata	
			Eupodiscus fulvus	
			Coscinodiscus	n.sp

cont. on 11



TRAY 1 TOP cont.

5477	Teignmouth	E646	Eupodiscus ralfsii E. fulvus E. crassus Coscinodiscus n.sp.	
5477	-	615	Coscinodiscus linearus C. eccentricus C. centralis overwritten perforatus Biddulphia baileyi Triceratium brightwellii	P830
5477	-	E647	This slide had no number ∴ E647 by C.P.R. Actinopterychus triradiatus Coscinodiscus eccentricus C. linearus C. radiatus Biddulphia baileyi	✓140
5477	-	599	Coscinodiscus blank C. concinnus C. lineatus ? C. eccentricus C. radiatus	
			One slide missing	
5477	Teignmouth	TRAY 1 602	Middle Coscinodiscus concinnus C. eccentricus C. linearus Triceratium brightwellii Biddulphia baileyi	
5477	-	607	Coscinodiscus blank C. eccentricus C. concinnus Biddulphia baileyi	P866 P917
			Cont. on 12	

Cont. on 13



TRAY 1 MIDDLE cont.

S477	Teignmouth	600	Coscinodiscus concinnus C. eccentricus Eupodiscus fulvus
S478	-L	603	Coscinodiscus concinnus C. eccentricus Eupodiscus fulvus
S478	-L	609	Coscinodiscus <b>blank</b> C. eccentricus C. concinnus Eupodiscus fulvus
S478	Teignmouth	355	Biddulphia baileyi Triceratium brightwellii Coscinodiscus C. concinnus C. eccentricus
S478	-L	592	Coscinodiscus eccentricus C. radiatus C. perforatus Biddulphia baileyi Triceratium alternans
S478	-L	4285	Triceratium brightwellii T. alternans Biddulphia baileyi Coscinodiscus eccentricus
S478	-L	E 648	Coscinodiscus centralis <b>overwritten</b> C. concinnus C. eccentricus
S479	-L	E 649	Rhizosolenia robusta Pleurosigma normanii P. transversale Triceratium variable T. brightwellii Coscinodiscus concinnus

P854

P866

P919



TRAY 1 MIDDLE cont.

S479	Teignmouth	E 649	Coscinodiscus eccentricus
		cont.	Coscinodiscus lineatus
S479	+	614	C. eccentricus
S479	-	& footnote	C. radiatus
			C. concinnus
S479	+	611	Coscinodiscus eccentricus
S479	-	4300	C. radiatus
			C. concinnus
			Eupodiscus ralfsii
<hr/>			
		TRAY 1	BOTTOM
S479	Teignmouth	590	Coscinodiscus eccentricus
S479	-	4307	Biddulphia baileyi
S479	-	591	Coscinodiscus concinnus
			C. eccentricus
			C. lineatus
			Pleurosigma normanii
S479	+	601	Coscinodiscus concinnus
S479	-	1030	C. eccentricus
S480	-	1039	C. centralis
			Biddulphia baileyi
			Triceratium brightwellii
S479	-	635	Coscinodiscus perforatus initials
S480	Teignmouth	1032	C. concinnus
			C. eccentricus
S480	-	685	Triceratium variabile
			T. brightwellii
S479	+	606	Coscinodiscus lineatus
S480	-	4309	C. eccentricus
			C. radiatus
			C. concinnus
			Eupodiscus fulvus

cont. on 14



TRAY 1 Bottom cent.

S479	Teignmouth	3396	Pleurosigma transversale P. (Vib. normanii) (Fensholt) P. marinum P918
S479	-L	354	Bradulphia baileyi Coscinodiscus eccentricus
S480	-L	4286	Rhizosolenia robusta
S479	-L	4300	Triceratium variabile T. brightwellii
S481	Uiverstone	4241	Coscinodiscus concinnus
S482	Penzance Reef	4483	C. diatomacea centralis
S482	-L	4050	C. annulata eccentricus
S479	-L	4308	Triceratium variabile T. alternans T. brightwellii Coscinodiscus concinnus C. eccentricus
S479	-L	4410	Diatomacea, stomach of <u>Cynthia rustica</u>
S480	-L	1030	Coscinodiscus eccentricus
S480	-L	1029	Coscinodiscus eccentricus Triceratium brightwellii
S482	-L	1828	Tryblionella constricta
		Tray 2	TOP
S480	Teignmouth	1032	(Synedra?) (valve) 317.02 Tryblionella constricta V3174
S480	-L	605	Coscinodiscus eccentricus C. lineatus Ehr. Triceratium alternans
S480	-L	4309	Triceratium alternans (typical) T. variabile T. brightwellii
S482	-L	3139	Coscinodiscus eccentricus P. acrosphaeria K.

cont. on 15  
cont. on 16



TRAY 2 TOP cont.

S480	Teignmouth	4301	Triceratium variabile Br. : (Visc? a T. alternans different) T. brightwellii Coscinodiscus eccentricus C. radiatus
S480	-ll	4286	Triceratium brightwelli T. alternans Coscinodiscus eccentricus
S481	Ulverstone	4241	Tabellaria fenestrata
S482	Premnay Pear	4483	Diatomacea, heavy, 1848
S482	-ll	E650	Pinnularia acrosphaeria
S482	Premnay Pear	3122	P. (partly P. major var) <del>Tabellaria b.p.k. halcea</del> P. Tabellaria
S482	-ll	2969	P. (acrosphaeria partly) Van 3325 refers to Wm Smith 1853 p56 (should be "58") P. acrosphaeria P. dactylus P. nobilis P. acuminata
S482	-ll	1828	Melosira nivalis Orthosira orichalcea
S482	-ll	2992	O. spinosa (see mys) V 3174 Pinnularia n. sp.
S482	-ll	3184	Pinnularia Tabellaria, large P. polygonca ? O P. acrosphaeria K P. major (not typical) P. major P. acuminata
S482	-ll	3139	Pinnularia polygonca var ? O P. acrosphaeria K : P. -ll- var : Cont. on 16



TRAY 2 TOP cont

5482	Premnay Peat	3139	Pinnularia acrosphaeria .: Sm cont. (on to striae) P. tabellaria (large) (= acrosphaeria Sm) P. acuminata
5482	-L	3127	Pinnularia nodosa P. major P. nobilis Melosira nivalis Orthosira orichalcea
TRAY 2 MIDDLE			
5482	Premnay Peat	3122	Pinnularia nodosa .: .: Orthosira orichalcea
5482	-L	2937	Melosira nivalis
5482	-L	2969	Pinnularia dactylus P. nobilis Sm P. tabellaria Sm P. divergens Kg P. acuminata Orthosira orichalcea O. spinosa
5482	-L	2921	Melosira nivalis Kg var
5482	-L	2992	Pinnularia divergens Sm P. tabellaria (striae) P. acrosphaeria K .: .: P. (Sm) acuminata P. nobilis P. dactylus P. major
5482	-L	2885	Orthosira orichalcea
5483	+	4485	O. rufonacea spinosa
5480	+	1323	Melosira nivalis Pinnularia n-sp

Cont. on 17



TRAY 2 MIDDLE cont.

S482	Premnay Pear	2931	Pinnularia aerosphaeria Sm. as to outline, aerosphaeria (overwritten) as to striae
S483	-	1438	P. tabellaria
S483	-	Melosira	aerosphaeria var?
S482	-	P.	dactylus
S482	-	2906	Orthosira spinosa
S483	Premnay Pear	TRAY 2	Melosira nivalis
S483	-	1829	Pinnularia aerosphaeria ( )
S483	-		Orthosira orichalcea
S483	-		Pinnularia tabellaria
S483	-		(= aerosphaeria Sm)
S483	-		P. aerosphaeria Kg
S483	-	3223	P. dactylus
S482	-	2927	Pinnularia aerosphaeria
S483	-		Sm (as to striae)
S483	-	3123	P. tabellaria Sm
S483	-		(= aerosphaeria Sm)
S483	-		P. aerosphaeria Kg
S483	-		P. gibba
S483	-	2905	P. polygonca ?
S483	-		P. dactylus
S482	-	2921	Pinnularia aerosphaeria Kg var
		a footnote	P. aerosphaeria Sm
			(as to striae)
			P. aerosphaeria
			(Sm. as to outline)
			P. tabellaria
			P. gibba.
S483	-	651	P. polygonca
S482	-	4650	Diatomacea
S483	-	4485	Diatomacea
S483	-	1323	Fragilaria capucina
			F. virescens



TRAY 2 MIDDLE cont

S483	Premnay Pear	1323	Orthosira orichalcea cont.
S483	+	1429	Gomphonema capitatum
S484	+	1497	Melosira nivalis 1854
S485	Australia	1103	Orthosira orichalcea Pinnularia nodosa
<hr/>			
S485	+	TRAY 2	BOTTOM
S483	Premnay Pear	1829	Melosira nivalis
S486	Starcross Devon	2318	Orthosira orichalcea O. spinosa Pinnularia n.sp Gomphonema capitatum
S483	-	3223	Gomphonema capitatum Melosira nivalis
S486	-	2517	Orthosira orichalcea
S483	-	3123	Pinnularia nodosa Gomphonema capitatum Melosira nivalis Orthosira orichalcea
S483	-	2905	Orthosira spinosa
<hr/>			
		TRAY 3	O TOP orichalcea
S486	Starcross Devon	2429	Melosira nivalis Pinnularia nodosa P. acuminata P. tabellaria P. polyonca
S486	-	2430	Gomphonema capitatum Stauroneis acuta
S483	-	E 651	Orthosira orichalcea O. spinosa
S486	-	2957	Melosira nivalis Gomphonema capitatum Pinnularia nodosa

cont. on 19



TRAY 2 **BOTTOM** cont.

S483	Premnay Pear	E 651	Pinnularia acuminata
		cont	
S484	-L	2933	Pinnularia alpina
S484	-L	4487	Diatomacea 1854
S485	Australia	1103	Epithemia gibba
			Diatomella balfouriana
S485	-L	E 652	Diatomella balfouriana
			Epithemia gibba
S486	Starcross Devon	2318	Navicula pusilla
			N. westii
S486	-L	3741	N. nitrella elegans
			Nitzschia bilobata
S486	-L	2409	Navicula cryptocephala
			Suirella ovata
S486	-L	2517	Nitzschia bilobata
			Pinnularia integra
S486	-L	2509	P. gachnia cyprinus
			Navicula pusilla
			N. nitrella /
			N. elegans

TRAY 3 **TOP**

7.8.02

S486	Starcross, Devon	2429	Navicula westii
			N. pusilla
S486	-L	384	N. nitrella elegans
			Nitzschia bilobata
			Eupodiscus sculptus
S486	-L	2430	Navicula westii
			N. pusilla
			N. gachnia amphibaena
S486	-L	3750	Nitzschia bilobata
S486	-L	2957	Pinnularia cyprinus
			Nitzschia bilobata
			N. sigma

cont. on 20



TRAY 3 TOP cont.

S486	Starcross Devon	2957 cont	Navicula pusilla N. westii	
S486	-	4379	Tryblionella scutellum var T. gracilis Smith T. acuminata var T. marginata Nitzschia bilobata Surirella constricta S. brightwellii S. ovata	
S486	-	3741	Surirella brightwellii S. constricta Navicula westii N. pusilla N. elegans Nitzschia bilobata	
S486	-	2504 <i>a footnote</i>	Nitzschia bilobata N. sigma Surirella constricta S. brightwellii S. ovata Tryblionella scutellum var T. gracilis var	
S486	-	384	Campylodiscus bicostatus	P 801
S487	Dawlish, Devon	1853	Surirella constricta S. brightwellii var S. ovata	P 817
S487	Dawlish, Devon	1402	Tryblionella scutellum minor Nitzschia bilobata	
S486	-	3750	Surirella constricta S. brightwellii var S. ovata S. striatula	P 779



TRAY 3 TOP cont.

S486	Starcross Devon	3750 cont	Tryblionella scutellum T. gracilis Nitzschia bilobata
S486	-ll	383	Campylodiscus bicostatus Tryblionella scutellum var. T. gracilis T. acuminata
S488	Mull	5653	T. gracilis
S488	-	372	T. acuminata
S489	Berlinch, Devon	2714	Surirella constricta S. brightwellii
S489	Amesbury, Devon	4410	S. ovata
S486	-ll	3745	Surirella brightwellii S. ovata
S490	Haverfordwest	1899	S. striatula
S491	-ll	E 656	S. constricta Tryblionella scutellum Nitzschia bilobata
S486	-ll	E 653	Tryblionella scutellum var T. gracilis Surirella constricta S. ovata Nitzschia bilobata Navicula elegans N. pusilla N. westii
S487	Dawlish, Devon	1853	Melosira subflexilis Fragilaria virescens var
TRAY 3			MIDDLE
S487	Dawlish, Devon	1402	Fragilaria virescens var minor Odontidium mutabile Melosira subflexis
S487	-ll	E 654	Fragilaria virescens var. Melosira subflexis Diatoma elongatum

P817

P779

cont. on 22



~~TRAY 3 TOP~~ cont.

S486	Starcross Devon	3750	Tryblionella scutellum	
		cont.	T. gracilis	b.p.R.
			Mitzychia bilobata	
S486	-L	383	Campylodiscus	
		TRAY 3	MIDDLE	cont.
S488	HULL	E 655	Amphora tenera	
S488	+	272	Amphora tenera (Ach)	
S489	Pichincha, Peru	2714	Mitzychia blank	
			Navicula blank	
S489	Andes of Quiro	4610	Diatomacea	
S489	-L	2498	Mitzychia amphioxys	
			Navicula blank	
S490	Haverfordwest	1899	Meridiop constrictum	
S491	-L	E 656	Homoeocladia blank	
			Gomphonema capitatum	P887
			Colletonema neglectum	P926
S491	+	1428	Gomphonema capitatum	V2787
		s footnote	Homoeocladia blank	
			Pinnularia radiosa	
S491	-L	1712	Homoeocladia forme	
			Achnanthidium lineare	
			Gomphonema capitatum	
S492	Pyrenees	E 658	Colletonema neglectum	
S492	Gavede Ligez	548	Cocconema lanceolatum	V2715
			Odontidium informe Sm.	V3154
			Navicula pyrenaica Sm.	V2757
S493	+	2282	Navicula trinodis	
		TRAY 3	BOTTOM	
S492	Pyrenees	2332	Navicula pyrenaica	
	Gavede Ligez		N. trinodis	
S493	+	784	Cocconema lanceolatum	
			Odontidium informe	
			cont. on 23	



cont. on 24



TRAY 3 BOTTOM cont

5492	Gave de Ligez Pyrenees	4326	Tryblionella angustata Achnantheridium trinode Navicula pyrenaica Odontidium informe O. mutabile
5492	-L	2373	Navicula pyrenaica N. trinode (Ach <sup>m</sup> ) Odontidium informe Sm O. mutabile Tryblionella angustata
5492	-L	13	Achnantheridium trinode Navicula pyrenaica Tryblionella angustata
5492	Brakegoe Deposit	512	Odontidium informe O. mutabile Cocconeis lanceolatum
5492	-L	E 657	Navicula scita V2787 N. pyrenaica Achnantheridium trinode Odontidium informe O. mutabile Tryblionella angustata
5493	Brakegoe Deposit	E 658	Navicula obtusata N. parula V2715 Cymbella ehrenbergii Cocconeis thwaitesii
5493	Hull -L	2282	Navicula obtusata Cymbella ehrenbergii Cocconeis thwaitesii
5493	-L	784	Navicula parula Cymbella ehrenbergii V2715 Navicula obtusa N. parula

cont. on 24



TRAY 3 BOTTOM cont.

S493	Brakegoe Deposit	4419	Deposit from Brakegoe, (heavy)
S493	L	1776	Mastogloia ? M. ? M. ? Smith var B
			Navicula patula var N. obrusata var.
			Cymbella ehrenbergii
S494	+	4612	Deposit from Brakegoe (light)
S494	-	1761	Mastogloia grevillii M. smithii Cocconeis thwaitesii Navicula patula var

TRAY 4 TOP

14.8.09

S494	Brakegoe Deposit	512	Cocconeis thwaitesii Mastogloia smithii M. grevillii Navicula obtusa Sm
S494	Waitnean Deposit	909	Denticula obtusa var (long end acute)
S497	Dairycoast, Hull	162	Mastogloia grevillii M. smithii Cocconeis thwaitesii
S494	Waitnean Deposit	1788	Cymbella ehrenbergii Mastogloia blank Cocconeis thwaitesii
S497		2505	N. (Navicula) maculata
S495	Hull	211	Amphora (Cymb.) arcus Navicula appendiculata
S495	Hull	981	Dradesmis blank
S497		3 foornore	Navicula appendiculata Amphora normani

V 241

Amphiprora cont. on 25

cont. on 26



TRAY 4 TOP cont.

S495	Hull	947	Denticula blank	
		& footnote	Diadesmis blank	
			Navicula appendiculata	
			Amphora normani	
S495	Hull	1968	Navicula appendiculata K <sub>3</sub>	
		& footnote	Amphor. blank	
S495	Hull	212	Amphora (Cymb) arcus	
			Pinn. blank	
S495	Hull	E 659	Navicula appendiculata	
			(near P. gibba)	V 2869
S498		191	Amphor. blank	
			Achnanthidium lineare	
			(as Diadesmis)	
S496	Haverfordwest	1591	Himantidium arcus	
		& footnote	H. soleiroleii	P 793
			Diadesmis blank	
S496	"	1590	Himantidium arcus	
			Synedra tenera	
S497	Dairycoates, Hull	162	Amphiprora constricta	V 162
			Nitzschia bilobata	
			N. sigma	P 781
			(Amphipleura sigmoidea)	V 158
S499	Pembroke D'Yard	TRAY 4	MIDDLE	
S497	Dairycoates, Hull	2502	Nitzschia bilobata	
			Amphiprora constricta	
S497	"	2505	Nitzschia bilobata	
		& footnote	N. sigma var.	
			(Amphipleura sigma)	
			Amphiprora constricta	
S497	"	2516	Nitzschia bilobata	
			N. sigma var.	
			(Amphipleura sigma)	
			Amphiprora constricta	



TRAY 4 MIDDLE cont.

5497	Dairycoates, Hull	E 660	Amphiprora constricta Nitzschia sigma var (= Amphipleura sigma)
5498	"	E 661	Amphiprora constricta Nitzschia bilobata Amphipleura sigmaoides (= Nitzschia sigma var.)
5498	"	131	Amphipleura sigmaoides (= Nitzschia sigma var.) Nitzschia bilobata Amphiprora constricta Tryblionella levidensis P793 Pinnularia cyprinus V2869
5498	"	2503 & footnote	Nitzschia bilobata Amphiprora constricta Amphipleura sigmaoides (= Nitzschia sigma var.) Tryblionella levidensis Pinnularia cyprinus
5499	Pembroke D'yard	E 662	Amphipleura sigmaidea Actinanthus longipes Schizonema cruciger
5499	"	3050	Pinnularia johnsonii Amphipleura sigmaidea
5499	"	138	Amphipleura sigmaidea Pinnularia johnsonii Schizonema cruciger
5499	"	3051	Pinnularia johnsonii Amphipleura sigmaidea Schizonema cruciger

Cont. on 27



TRAY 4 MIDDLE cont

S499	Pembroke D'yard	137	Amphipleura sigmoidea Pinnularia johnsonii
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TRAY 4 BOTTOM

S499	Pembroke D'yard	4539	Diatomacea
S500	Neyland	E663	Schizonema helmentosum
S500	-L	2578	Schizonema helmentosum
S501	H. Shaw, Glasgow	530	Coeconema cistula C. cymbiforme
S502	-L	2696	Nitzschia tenuis
S503	-L	E664	Odontidium parasiticum Nitzschia tenuis Tryblionella gracilis
S503	-L	2819	Odontidium parasiticum Tryblionella gracilis Nitzschia tenuis Nitzschia dubia
S503	-L	4360	Tryblionella gracilis Odontidium parasiticum Nitzschia tenuis
S503	-L	2697	Nitzschia tenuis Odontidium parasiticum Tryblionella gracilis
S503	-L	2901	Nitzschia tenuis var. (Syn. vermicula K) Odontidium parasiticum
S503	-L	2825	Odontidium parasiticum Nitzschia tenuis var. (Syn. vermicula K)
S504	-L	E665	Tryblionella gracilis Nitzschia tenuis N. dubia



TRAY 5 Top

21.8.02

5504	Hanging Shaw Glasgow	2694	Nitzschia tenuis	
5504	-	4350	Tryblionella gracilis Nitzschia tenuis	
5504	Hull	4366	Tryblionella levidensis var (gracilis var?)	
5504	-	2699	Nitzschia tenuis var (syn. vermicularis Kg)	see 2699 below V3134
5505	Teignmouth	E 666	Navicula palpebralis	V 2709
5505	Neyland	46	N. minutula	
5505	-	44	N. punctulata	
5505	-	1121	N. latissima	
5505	-	1121	Epithemia marina Donk	V1454
5505	-	46	Nitzschia vivax?	
5505	Hull	E 667	Navicula palpebralis var	
5505	-	2671	Nitzschia spectabilis	V 3120
5505	-		near sic virgata	
5505	-	3378	N. radula	
5505	-	3395	Cocconeis distans	P 870
5505	-	3395	Pleurosigma transversale	V3401
5505	-	4323	Navicula palpebralis var	
5505	-	2275	Nitzschia vivax	
5505	-	2275	Navicula palpebralis	
5505	Cumbrar	1040	Epithemia marina	
5505	-	1874	Melosira westii F.V.	
5505	-	E 668	Navicula palpebralis	
5505	-	2384	Nitzschia blaus	

cont. on 29



TRAY 5 TOP cont.

S506	Exmouth	4631	Podosira jurgensii
S507	Hull	359	Biddulphia baileyii
		a footnote	Diat blank
			Orthosira marina
			Pleurosigma lanceolatum
<hr/>			
		TRAY 5	MIDDLE
S507	Hull	1028	Pleurosigma lanceolatum Biddulphia baileyii (the Nityschia has been mixed)
S507	-ll	3329	Pleurosigma lanceolatum N (in A.N.H. xx.p) = P.
			Diatom blank
			Biddulphia baileyii
S508	Neyland	46	Achnanthes parvula Kg
S508	-ll	44	Achnanthes parvula
			Synedra blank
S509	-ll	45	Achnanthes parvula Kg
S510	Hull	E 667	Tryblionella angustata var
		a footnote	Pleurosigma lacustre
			Nityschia dubia
S510	-ll	3378	Pleurosigma spencerii
		a footnote	Tryblionella angustata var.
			Nityschia dubia
S510	-ll	4323	Tryblionella angustata var
		a footnote	Nityschia dubia
			Pleurosigma lacustre
S511	Cumbrar	1040	Dickieia pinnata
S511	-ll	1037	Dickieia pinnata
S512	-ll	E 668	Navicula pusilla
S512	-ll	2324	Navicula pusilla



TRAY 5 BOTTOM

S513	Haverford West	67	Achnantheridium coarctatum
S517	-	2617	Orthosira mirabilis
S518	-	2750	Navicula pusilla
S513	-	2323	Nitzschia amphioxys Orthosira mirabilis
S518	-	E672	Achnantheridium coarctatum Nitzschia amphioxys
S513	Neyland	2871	Orthosira mirabilis Achnantheridium coarctatum Navicula pusilla
S519	-	4064	Nitzschia amphioxys
S513	-	2499	Nitzschia amphioxys Orthosira mirabilis
S520	-	1702	Navicula pusilla Achnantheridium coarctatum
S514	-	4236	Synedra blank
S520	-	3666	Meridion circulare
S514	-	E669	Synedra blank Meridion circulare
S515	Neyland	E670	Schizonema implicatum
S515	-	3594	Schizonema implicatum (frustules)
S516	- rocks	941	Denticula tenuis D. inflata
S522	Strath Tunnel	E675	Cymbella ventricosa
S516	- +	937	Denticula tenuis D. inflata
S516	- +	892	Denticula inflata
S523	-	3438	D. inflata Nitzschia linearis
S523	-	E676	Podocapsa One Slide missing



TRAY 6 TOP

5517	Gourock	E 671	Nitzschia parula
5517	-	2612	Nitzschia parula Sm. ? (Frustulia anceps Chavin)
5518	- brack. pool	2750	Nitzschia (Frustulia anceps var vixsilicea) on Enteromorpha
5518	-	E 672	Nitzschia (Frustulia anceps ? var vix silicea)
5519	Neyland	E 673	Synedra affinis S. gallionii Biddulphia aurita
5519	-	4064	Synedra gallionii S. affinis Biddulphia aurita
5520	-	1702	Homoecladia sigmoidea ?? Nitzschia closterium Schizonema blank
5520	-	3666	Schizonema blank Nitzschia closterium Hom(æocladia) blank
5520	-	674E afostore	Nitzschia closterium Schizonema blank Homoecladia blank
5521	-	3679	Schizonema blank Nitzschia sigma
5522	Strath Tummel	E 675	Navicula crassinervia
5522	-	2026	Navicula crassinervia
TRAY 6 MIDDLE			
5523	Edinburgh	3440	Podosphecia lyngbyei var
5523	-	3438	Podosphecia lyngbyei var valv. perangustis
5523	-	E 676	Podosphecia lyngbyi cont. on 32



TRAY 6 MIDDLE cont.

5524	Lamlash, Arran	E 677	Pinnularia dactylus P. viridis small P. major P. tabellaria
5526	+	1568	Orthosira orichalcea Fragilaria virescens
5524	-ll	2879	Orthosira orichalcea
5524	-ll	3076	Pinnularia major
5526	-ll	4075	P. dactylus P. viridis Orthosira orichalcea Fragilaria virescens
5524	-ll	1396	Fragilaria virescens (fine)
5526	+	3993	Orthosira orichalcea small Pinnularia tabellaria P. major
5524	-ll	3186	Pinnularia tabellaria P. major (fine)
5526	-ll	3996	Fragilaria virescens small Orthosira orichalcea
5525	Campsie Glen	834 <sup>h</sup>	Cymbella scotica Nitzschia tenuis var. var.
5525	-ll	2695	Nitzschia tenuis var. straight, small Cymbella scotica
5526	Torquay	E 678	Synedra gallionii S. affinis? small (fine)
5527	+	A 107	S. investiens Grammatophora marina var. (striae fine)
5526	-ll-	4098	Synedra investiens S. affinis? small S. gallionii Grammatophora marina (striae fine)
5527	+	3988	S. affinis? small S. gallionii Grammatophora marina (striae fine)



TRAY 6 BOTTOM

5526	Torquay	4105	Synedra investiens S. affinis ? small S. gallioni
5528	Exmouth	1577	Grammatophora marina
5526	+	1568	Grammatophora marina
5528	Exmouth	1578	Synedra investiens S. affinis
5528	-	1579	S. gallioni
5526	-ll (S&P)	4075	Synedra gallioni S. affinis
5530	St. Andrews	E 680	S. investiens Grammatophora marina (striae fine)
5526	Monkland Canal	3995	Synedra affinis very small S. gallioni S. investiens
5531	+	4080	Grammatophora marina (striae fine)
5526	-ll	3996	Synedra affinis ? small S. gallioni
5532	Hull	787	S. investiens Grammatophora marina, var.
5526	Haverfordwest	1566	Synedra affinis ? small S. investiens S. gallioni
5533	+	2616	Grammatophora marina ? (striae fine)
5527	-ll	4102	Synedra investiens S. affinis ? small Grammatophora marina
5534	Hull	E 682	Nitzschia (in fluid)
5527	-ll	3988	Synedra affinis S. investiens Grammatophora marina (Dean's Medium)

cont. on 34



TRAY 6 BOTTOM cont

S527	Torquay	4103	Synedra investiens S. affinis ?
S528	Exmouth	1577	TRAY 7 Grammatophora marina Grammatophora subtilissima P809 TWO SLIDES MISSING
TRAY 7 TOP			
S528	Exmouth	1578	Grammatophora subtilissima
S528	-	1579	Grammatophora subtilissima
S529	Buddleigh (Sat'n)	3435	Podosphecia jurgensii
S529	-	E679	Podosphecia jurgensii
S530	Sr. Andrews	E680	Synedra hamata (normal or straight form)
S530	-	4086	Synedra hamata (normal or straight form)
S531	Monkland Canal	E681	Synedra ulna S. radians var Diatoma vulgare
S531	-	4080	Synedra hamata (straight)
S535	Siamouth	4062	Synedra ulna S. radians var P805 Diatoma vulgare P804
S532	Hull	787	Cymbella helvetica Podosphecia in Cymbella truncata P769
S533	Haverfordwest	3719	Surirella amphioxys Nitzschia plana Diatoma elongatum
S533	-	2616	Nitzschia plana Surirella amphioxys
S535	-	3421	Diatoma elongatum Surirella amphioxys
S534	Hull	E682	Nitzschia vivax S. radians vitrea Sauroneis crucicula S. radians gracilis
S535	-	1572	N. radians vitrea Sauroneis crucicula S. radians gracilis

cont. on 35



TRAY 7 Top cont.

S534	Hullmouth	E682	Navicula n-sp	
		cont		
		TRAY 7	MIDDLE	4.9.02
S534	Hull	2705	Nitzschia vitrea ? overprinted N. vivax	
			Stauroneis crucicula	
			Pinnularia cyprinus	
			Navicula pusilla	
S534	-	3881	Stauroneis crucicula S. gracilis	
			Navicula pusilla	
			Nitzschia vivax	
			Pinnularia cyprinus	
S534	-	2325	Navicula pusilla Nitzschia vivax	
			Stauroneis crucicula	
			Pinnularia cyprinus	
S535	Sidmouth	4062	Synedra gallionii Rhabdonema adriaticum	P.805
			R. arcuatum	P.804
			Grammatophora serpentina	P.803
			Podosphenia ehrenbergii	P.769
S535	-	3442	Rhabdonema adriaticum R. arcuatum	
			Grammatophora serpentina G. marina	
			Synedra gallionii	
S535	-	3421	Podosira montagnei Rhabdonema arcuatum	
			R. adriaticum	
S535	-	1572	Grammatophora serpentina G. marina (co Rhabdonema adriaticum	
			cont. on 36	



TRAY 7 MIDDLE cont.

S535	Sidmouth	1572	Synedra gallionii	
		cont.		
S536	-L	2874	Podosira montagnei	
S539	-L	4237	Rhabdonema adriaticum	
			R. arcuatum	
S537	Clapham, Yorks	E 683	Navicula (scita W.S.)	V2787
			bacillaris W.G.	V2424
			Cocconeis cistula	
S543	-L	E 684	Synedra radians	
			S. tenera	
S537	-L	1992	Navicula bacillum W.G.	
S544	-L	(?1982)	Pleurosigma attenuatum	
			P. lacustre	
S544	-L	1909	Pinnularia blank	
S537	-L	1981	Navicula bacillaris W.G.	
S550	Ulster, D. Moore	1114	Epithemia = scita W.S.	P760
			Cocconeis cistula	P879
			Synedra radians	
			S. tenera	
S537	Penzance	1980	Navicula bacillaris W.G.	
			(= scita Sm)	
TRAY 7 BOTTOM				
S539	ISLE OF WIGHT	T 31 8	Achnanthes longipes	P.873
S550	Ulster, D. Moore	E 686	Grammatophora macilenta	P.808
			G. subtilissima	P.809
			Synedra blank	
S.539	-L	1565	Grammatophora marina	P.808
			Synedra blank	
S556	Cumbria	1119	Achnanthes longipes	
S539	-L	3433	Podosphenia ehrenbergii	V3304
			Grammatophora marina	
			Achnanthes longipes	V2716
			Synedra blank	P831

Cont. on 37



TRAY 7 BOTTOM cont.

5539	Isle of Wight	3985	Synedra affinis Grammatophora marina ? Achnanthes longipes	
5539	-  -	4237	Synedra blank Grammatophora marina var. s	
5543	Lamlash	1908	Meridion marinum 7 V <sup>2</sup> Nitzschia palea var Amphiprora didyma	P768
5543	-  -	E 684	Meridion marinum W.G. Navicula humerosa N. elegans	
5544	-  -	E 685	Meridion marinum W.G. Nitzschia palea var ?	
5544	+  -	1909	Meridion marinum W.G. Nitzschia palea ?	
5550	Ulster D. Moore	1114	Epithemia hynamani Coconema cymbiforme Orthosira arenaria	P760 P878
5553	Penzance	4477	sub normal Cymbella cymbiforme Diatomaceae from shore sand washings	
			One slide missing	

TRAY 8 TOP

5550	Ulster, D. Moore see Tray 7, above	E 686	Epithemia hynamani Coconema cymbiforme Orthosira arenaria sub norm(al) Cymbella cymbiforme crude of 5550	
5556	Cumbræ	1119	Epithemia marina Donk. Pinnularia tostellata W.G. (Navicula apiculata D.M.) Navicula pectinatis Coscinodiscus nitidus	V3304 V2716 P831

Cont. on 38



TRAY 8 TOP cont.

5565	Cumbræ	1119	Amphiprota ralfsii	V 175
		cont	A. lepidoptera	V 169
			Pleurosigma marinum Donk	V 3381
			Navicula humerosa	V 2591
5567	Caen	1414	Frustrulia anceps	
5652	Victoria Tank	887	Nitzschia sp.	V 1271
5601	Algoa Bay	310	Aulacodiscus petersii	
5652	(guano)	689	Triceratium blank	
5615	Swansea	2410	Navicula fabida n.sp.	2846
5616	--	4050	Synedra	
5653		2051	S. fontinalis	
			S. deformis	
5653		2464	S. tenera	
			S. lunaris	
5665	Hornsea Hull	4363	S. fasciculata	
5617	Sidmouth	E 687	Cocconeis binotata	V 769
			Grammatophora mexicana	P 808
5617	--	456	Cocconeis binotata	
		& footnote	Grammatophora mexicana	
5618	Swansea Dock	3531	Schizonema crucigerum	
	Ripon		(scarcely siliaceous)	
5618	--	3525	Schizonema crucigerum	
			(scarcely siliaceous)	
5622	?	1561	Grammatophora marina	
5676	On strand of Coniston	& footnote	G. subtilissima	
				<del>one slide missing</del> See above 18/03
		TRAY 8	MIDDLE	11.4.02
5683	New Zealand	E 688	Himantidium eruca	
	fresh water	& footnote	(Eunotia brightwellii)	
5719	Saltrears	E 691	Orthosira orichalcea	
			Fragilaria virescens	
			Epithemia n.sp.	
				Cont. on 39

cont. on 40



TRAY 8 MIDDLE cont.

5633	New Zealand	1154	Epithemia turgida Grev. Himantidium eruca Orthosira orichalcea Fragilaria virescens
5633	-	4565	Diatomacea, from fresh water
5652	Victoria Tank Bot. Garden Glasgow	889	Denticula decipiens <span style="color:red">✓1271</span>
5652	-	E 689	Denticula decipiens
5653	-	E 690	Navicula cryptocephala <span style="color:red">✓2490</span> Denticula decipiens
5653	-	2051	Navicula cryptocephala Denticula decipiens
5653	-	2464	Navicula small? Denticula decipiens
5665	Hornsea Hull	4363	Tryblionella levidensis T. scutellum Stauroneis acuta Orthosira punctata Cyclotella rotula
5675	River Ewer (URE) Ripon	4032 <span style="color:red">*footnote</span>	Synedra delicatissima S. tenera S. radians Cyclotella operculata Denticula obtusa
5676	Old man of Coniston	3041	Pinnularia interrupta var. (stra faint) Navicula rhomboides & B bacillum cocconeiformis
5719	Saltcoats	E 691	Synedra interrupta var. S. affinis S. gailonii Rhabdonema minutum var.

cont. on 40



TRAY 8 BOTTOM

5719	Saltcoats	3987	Synedra affinis S. investiens S. gallionii Podosira hormoides
5723	Sierraleone mud	1704	Homoeocladia sigmoidea Cyclotella stylorum Br. Colleronema eximium Navicula n.sp. Nitzschia blank
5726	Hakodadi, Japan	4416	Diatomacea on Polysiph marrowi
5731	Hull	3514	Pinnularia radiosa var Navicula bacillum var ?
5731	—	3072	Erasure (Pinn) Navicula blank
5731	—	1979	Navicula bacillum W.S. Var
5737	R. Bush, Co. Antrim	4618	Diatomacea
5774	Cumbrae	1893	Meridion circulare Achnantheidium lanceolatum Synedra radians
5781	Dingle Bay, L'pool	1151	Epithemia sorex
5782	Minehead, Som'ser	38	Achnanthes parvula K
5792	Londesbrough	E 692	Navicula ambigua Synedra radians
5792	Londesbrough	1923	Navicula ambigua Synedra radians
		TRAY 9	TOP
5792	Londesbrough	1922	Navicula blank N. ambigua Synedra radians B
5849	South Africa King William Town	2740	Nitzschia blank Surirella ovalis Navicula sphaerophora

Cont. on 41



TRAY 9 TOP cont.

S 873	Mauritius	2439	Navicula blank
6 <sup>2</sup>		2469	Cocc. blank
6 <sup>2</sup>		980	parasitic on <i>Jenslinore musica</i>
S 887	Dollars, Ayrshire	2711	Nitzschia 3 diagrams
28 <sup>2</sup>	ditch	2 footnote	N. linearis (crude)
S 888	-ll-	2713	Nitzschia 3 diagrams
25 <sup>2</sup>	Cumbria	2 footnote	<i>Berkeleya fragilis</i>
91 <sup>2</sup>		E 694	<i>Striatella</i> (boiled)
S 888	-ll-	2719	Nitzschia 3 diagrams
91 <sup>2</sup>		2 footnote	<i>Striatella unipunctata</i>
			<i>Berkeleya</i> (boiled)
S 888	-ll-	2717	Nitzschia 3 diagrams
		2 footnote	<i>Striatella unipunctata</i>
S 902	Pugils Sound	2462	Navicula blank
91 <sup>2</sup>	Oregon	2 footnote	<i>Striatella unipunctata</i>
S 905	Epping Forest, Essex	2745	Nitzschia <i>fragilis</i>
91 <sup>2</sup>		2710	<i>Gomphonema insigne</i>
31 <sup>2</sup>	Cumbria	TRAY 9	<i>Surirella linearis</i>
100 <sup>2</sup>	Staffordshire	332	<i>Pinnularia polygona</i>
		E 695	<i>Gelidomena</i> Light
S 910	Lough Gartan	3891	<i>Sauroneis dilatata</i>
161 <sup>2</sup>	Co. Donegal	4573	<i>Cymbella cuspidata</i>
405 <sup>2</sup>	Keo Garden, pond	886	<i>Pinnularia (Navicula) varians</i> ? 14
410 <sup>2</sup>	Fell Eco, Lancs	2732	<i>Navicula dubia</i>
410 <sup>2</sup>		2 footnote	N. <i>lavissima</i> ?
		E 696	<i>Cocconeis placentula</i>
			C. <i>punctatissima</i> P. 870
435 <sup>2</sup>	Humber Bank, Hull	E 697	<i>Amphiprora ornata</i>
3 <sup>2</sup>	Jersey	1724	<i>Isthmia enervis</i> P. 851
408 <sup>2</sup>	Well at Bath	2434	<i>Navicula blank</i>
		2 footnote	
455 <sup>2</sup>		4150	<i>Synedra tabulata</i>
			<i>Melosira horreoli</i>



TRAY 9 MIDDLE

5 <sup>2</sup>	Wellar Bath	949	Denticula & footnote
6 <sup>2</sup>	-  -	2469	Erased & footnote
6 <sup>2</sup>	-  -	950	Denticula & footnote
23 <sup>2</sup>	Loch Whorl, Clova	4044	Synedra fasciculata Sm
23 <sup>2</sup>	-  -	4045	Synedra fasciculata Sm
23 <sup>2</sup>	-  -	E693	Synedra fasciculata Sm
25 <sup>?</sup>	Cumbræ	322	Berkeleya fragilis P926
91 <sup>2</sup>	-  -	E694	Striatella unipunctata Berkeleya fragilis
91 <sup>2</sup>	-  -	3711	Striatella unipunctata Berkeleya fragilis
91 <sup>2</sup>	-  -	320	Berkeleya fragilis Striatella unipunctata Berkeleya fragilis
91 <sup>2</sup>	-  -	3715	Striatella unipunctata Berkeleya fragilis
91 <sup>2</sup>	-  -	2710	Striatella unipunctata
			TRAY 9 BOTTOM
91 <sup>2</sup>	Cumbræ	332	Berkeleya fragilis
100 <sup>2</sup>	Stallingborough	E695	Colletonema eximium
100 <sup>2</sup>	-  - Liacs.	569	Colletonema eximium Verr. words?
161 <sup>2</sup>	Tersay	4573	Diatomacea from Griffiths equisedis
405 <sup>2</sup>	Kew Garden, pond	886	Denticula decipiens & note
410 <sup>2</sup>	Fell End, Lancs.	2782	Odontidium mesodon P775 & footnote Fragilaria virescens P777
410 <sup>2</sup>	-  -	E696	Fragilaria virescens Odontidium mesodon
485 <sup>2</sup>	Humber Bank, Hull	E697	Melosira bornerii Synedra tabulara
485 <sup>2</sup>	-  - Norfolk	1803	Melosira bornerii
485 <sup>2</sup>	-  -	4150	Synedra tabulara Melosira bornerii



TRAY 9 BOTTOM cont.

520 <sup>2</sup>	Stoneferry, Hull	3883	Stauroneis crucicula Navicula lanceolata N. gibberula N. viridis
525 <sup>2</sup>	-	E702	Nitzschia vivax N. brebissonii
520 <sup>2</sup>	-	3880	Stauroneis crucicula Navicula lanceolata N. viridis N. gibberula
529 <sup>2</sup>	Hull	E703	N. viridis N. gibberula
TRAY 10 TOP			
520 <sup>2</sup>	Stoneferry, Hull	E 98	Stauroneis crucicula (Stauroneis false) Navicula lanceolata N. gibberula var Nitzschia brebissonii N. vivax
761 <sup>2</sup>	Minehead, S'ser	E 699	Achnanthes parvula
761 <sup>2</sup>	-	48	Achnanthes parvula Kg & note
761 <sup>2</sup>	-	79	Achnanthes parvula Kg. (in water)
		E700	Achnanthes parvula K
53 <sup>2</sup>	Grimsby, Lines	E701	Pinnularia johnsonii B Achnanthes subsellis
530 <sup>2</sup>	Coze, Cumbria	E704	Tryblionella marginata
530 <sup>2</sup>	-	1966	T. punctata
53 <sup>2</sup>	-	49	Achnanthes subsellis Pinnularia johnsonii Tryblionella marginata T. punctata
530 <sup>2</sup>	-	2002	T. punctata var
59 <sup>2</sup>	Breyden, Norfolk	386	Campylodiscus clypeus
525 <sup>2</sup>	R. Ness	4511	Diatomacea

Cont. on 44



TRAY 10 TOP cont

S25 <sup>2</sup>	R. Ness	1466	Gomphonema dichotomum G. <del>gemmatum</del> gemmatum
S53 <sup>2</sup>	-	4564	G. <del>gemmatum</del> Olivaceum
S64 <sup>2</sup>	High Bridge Yorks	1015	Tetracyclus emarginatus
S25 <sup>2</sup>	-	E702	Tetracyclus emarginatus
S84 <sup>2</sup>	Daisy Hill 2 spots	E706	Gomphonema n.sp. Cymbella blank Achnanthes excilis
S29 <sup>2</sup>	Hull	E703	Pinnularia gracilis var. Melosira bornerii Synedra gracilis S. tabulata
TRAY 10 MIDDLE			
S29 <sup>2</sup>	Hull	1800	Melosira bornerii Pinnularia gracilis Surirella ovata Synedra blank
S29 <sup>2</sup>	-	3032	Pinnularia gracilis var (-P. cluthiens ? = P. varicans W.G ?) Melosira bornerii Surirella ovata Synedra gracilis
S30 <sup>2</sup>	Cove, Cumbriae	E704	Navicula clavicularis
S30 <sup>2</sup>	-	1966	Navicula appendiculata (very scarce) N. parmula Diadesmis blank
S30 <sup>2</sup>	-	2002	Navicula clavicularis W.G var N. parmula
S30 <sup>2</sup>	-	E705	Navicula appendiculata (very var) ✓2413 N. parmula Kg ✓2714 Conk. on 45



TRAY 10 MIDDLE cont

552 <sup>2</sup>	R. Ness	15	Achnanthes exilis	
			Gomphonema blank	
552 <sup>2</sup>	-	4564	Diatomacea elongatum	
564 <sup>5</sup>	High Bridge Yorks	1015	Diatoma vulgare	
			short and stout	
584 <sup>2</sup>	Dolgelly Deposit	E706	Gomphonema subtile	
584 <sup>2</sup>	-	1290	G. acuminatum	
			G. constrictum K	
			Navicula lanceolata	
			Pinnularia undulata	
584 <sup>2</sup>	-	1285	Eunotia 4-6-odon	
584 <sup>2</sup>	-	3181	Pinnularia blank	
			Navicula lanceolata	
			Nitzschia sigmoidea	
584 <sup>2</sup>	-	2189	Navicula lanceolata	
			*footnote Nitzschia sigmoidea	
			Eunotia diadon	
			Pinnularia undulata	
<hr/>				
584 <sup>2</sup>	Dolgelly Deposit	TRAY 10	BOTTOM	
584 <sup>2</sup>		2120	Navicula foliis Ehr.	V2544
		*footnote	N lanceolata	
			Pinnularia undulata	
			P. divergens var	
			Eunotia diadema	
			E. tetraodon	
584 <sup>2</sup>	-	2654	E. incisa	P763
584 <sup>2</sup>	-	3755	Surirella craticula	
584 <sup>2</sup>	-	4435	Navicula lanceolata	
584 <sup>2</sup>	-	4502	(part N. cuspidata)	V2494
584 <sup>2</sup>	-	2190	Navicula "lanceolata" Sm	V2630
			(ar vir)	
			Pinnularia blank	
			Nitzschia sigmoidea	

cont. on 46



TRAY 10 BOTTOM cont

S84 <sup>2</sup>	Dolgelly Earth	2190	Eunotia diodon	
		cont.	Eunotia diadema	
S84 <sup>2</sup>	-	1470	Gomphonema elongatum	
			G. acuminatum $\beta$	
			Pinnularia divergens	
			Eunotia diadema	
S84 <sup>2</sup>	-  -	1240	Eunotia tetraodon	23.10.02
			E. diadema	
			E. incisa	P.763
			Himantidium n.sp.	
S84 <sup>2</sup>	-  -	1205	Eunotia diodon ? word	
			into tetraodon O	
			E. tetraodon	
			E. diadema	
			E. incisa	
			Navicula lanceolata	
			Pinnularia n. of ?	
			Gomphonema subtile	
S84 <sup>2</sup>	-  -	1204	Eunotia diodon O	
			E. tetraodon	
			E. diadema	
			Navicula lanceolata	
			Pinnularia undulata O	
			P. ^	
			Gomphonema subtile	
S84 <sup>2</sup>	-L	2654	Nitzschia sigmoidea $\beta$	
			Pinnularia blank	
S84 <sup>2</sup>	-L	4435	Diatomacea	light of S120
S84 <sup>2</sup>	-L	4508	Diatomacea	light of S120
S84 <sup>2</sup>	-  -	2990	Pinnularia divergens	
			P. coarse	
			P. interrupta	V3249
			P. stauroneiformis	V3310
			cont. on 47	



TRAY 10 BOTTOM cont.

S84 <sup>2</sup>	Dolgelly Earth	2990	Nitzschia sigmoidea
		Cont.	Eunotia diadema
S84 <sup>2</sup>	-	& footnote 2985	Pinnularia blank
			P. viridis blank
			P. divergens
			P. umbellata aff. blank
			Gomphonema subtile
			G. acuminatum
		TRAY 11	TOP
S84 <sup>2</sup>	Dolgelly Earth	3078	Pinnularia major costae 14 ∴
			P. viridis but more dilated at ends, 6-16
			P. viridis but narrow
			P. viridis, long c 22
			Navicula "lanceolata" Sm. ∴
S84 <sup>2</sup>	- light	3044	Pinnularia interrupta var ? (Stauroneis parva K <sub>3</sub> 0) ~
			Navicula lanceolata
			Gomphonema subtile Sm
S84 <sup>2</sup>	- "	2709	Pinnularia acuminata
			P. viridis w <sup>2</sup> 22 costae
			P. divergens
			P. undulata -
			Navicula lanceolata ∴
S84 <sup>2</sup>	- "	3194	Pinnularia undulata - ~
			P. divergens var ∴
			Navicula lanceolata ∴
			Gomphonema subtile
			G. acuminata
S84 <sup>2</sup>	- "	1196	Eunotia diadema
			E. tetradon
			Gomphonema subtile

conts on 48



TRAY 11 TOP cont.

S 84 <sup>2</sup>	Dolgelly Earth light	1196	Pinnularia n.sp.	
S 84 <sup>2</sup>	— " —	2978	Pinnularia o ^	
		& footnote	P. divergens	
			Navicula lanceolata	
		1965	Eunotia diadema var	
S 108 <sup>2</sup>	R. Thames Oxon	741	Cymbella affinis	
S 146 <sup>2</sup>	Pond, Kew Garden	884	Denticula decipiens	
S 146 <sup>2</sup>	— " —	888	Denticula decipiens	
S 141 <sup>2</sup>	Jersey	497	Cocconeis punctatissima	P 870
		276	C. amphora binotata Grun	V 769
			C. grevillei Sm	V 788
S 257 <sup>a</sup>	Quernmore	3160	Pinnularia stauroneiformis	V 3310
	Hull, Vinery	210	Amphora var (constra G/arcus)	
S 257 <sup>b</sup>	— " — nr. Lancaster	E 707	Pinnularia stauroneiformis var	
		2556	Nitzschia intricatissima	
	At. Marton Bucks	TRAY 11	MIDDLE	
S 310 <sup>2</sup>	Deviges Wilts	E 708	Cymbella ehrenbergii var	
			Cocconeis lanceolatum	V 843
			Epithemia alpestris Sm	V 1122
S 310 <sup>2</sup>	— " —	550	Cocconeis lanceolatum	
			Cymbella ehrenbergii	
	Cumbrac	3604	Epithemia alpestris Sm	
S 357 <sup>2</sup>	Stallingbro', Lincs	E 709	Nitzschia mucronata	
			Colletonema excimium	
S 357 <sup>2</sup>	— " —	2729	Colletonema excimium	
S 357 <sup>2</sup>	— " —	566	Colletonema excimium	
S 357 <sup>2</sup>	— " —	515	Colletonema excimium	
S 379 <sup>2</sup>	Hull (Vinery)	E 710	Diadesmis	III O
			Navicula appendiculata	V 2413
		939	Amphora normanii	
			(= Cymbella arcus W.G.)	
			Cent. on	49



TRAY 11 MIDDLE cont

30.10.02

5379 <sup>2</sup>	Hull, Vinery	179	Diadesmis blank Navicula appendiculata Amphora normanii
5379 <sup>2</sup>	-	1963	Navicula appendiculata W.G Amphora blank
5379 <sup>2</sup>	-	1965	Pinnularia blank Navicula appendiculata Amphora normanii
5379 <sup>2</sup>	-	1970	Navicula appendiculata W.G Amphora blank
5379 <sup>2</sup>	-	275	Amphora blank Pinnularia blank
		TRAY 11	BOTTOM
5379 <sup>2</sup>	Hull, Vinery	210	Amphora (Cymbella Gr/arcus) Navicula appendiculata
5395 <sup>2</sup>	Ilfracombe	2556	Nitzschia incrustans
5402 <sup>2</sup>	Gr. Marlow, Bucks	3698	Stauroneis acuta Pleurosigma attenuatum Cocconeis placentula Cymbella elliptica
5402 <sup>2</sup>	-	E711	Pleurosigma attenuatum Cocconeis placentula
5481 <sup>2</sup>	Cumbriae	3604	Schizonema mucosum
5481 <sup>2c</sup>	-	3606	Schizonema mucosum Crude of 5481 <sup>2</sup> very gelatinous
5481 <sup>2c</sup>	-	3605	Schizonema mucosum, see 3606 above
5481 <sup>2e</sup>	-	E712	Schizonema mucosum Crude of 5481 <sup>2</sup> (very gelatinous)
5510 <sup>2</sup>	Ulverstone	788	Cymbella helvetica Denticula obtusa
5519 <sup>2</sup>	-	939	Denticula tenuis Cymbella helvetica

V 1184

Cont. on 50



TRAY 11 BOTTOM cont.

5609 <sup>2</sup>	Petos (Cetif) guano	2461	Navicula blank Plagiogramma formosa Amphora blank <b>ONE SLIDE MISSING</b>
TRAY 12			<b>TOP</b>
5646 <sup>2</sup>	Hull, Spring ditch	4142	Synedra radians S. (= P) radians Δ S. capitata Cyclotella operculata Cocconema cistula C. lanceolatum
5646 <sup>2</sup>	-	E713	Synedra capitata S. (= P) radians var. cocc. Cyclotella operculata Cocconema cistula
5646 <sup>2</sup>	-	4608	Diatomacea
	Ilfracombe	E714	Cocconema cymbiforme Sm (and) C. parvum (v?)
5693 <sup>2</sup>	Ilfracombe	545	Cocconema cymbiforme (small ?) C. parvum
TRAY 13			<b>Only 5 Slides in this Tray</b>
blank	Arctic Regions	4580	Diatomacea appended note 'WA by locality'
blank	-	E715	Stauroneis pulchella
	Brechey Island	4279	Triceratium arcticum P856
	Vancouver Island	4278	Triceratium arcticum Br.
	-	653	T. (= P) wilkesii B. & H.
	-		Coecon blank
	-	E716	Triceratium arcticum (wilkesii) Coecon blank

Cont. on 51



TRAY 13 TOP cont.

Edmonton	1012	Diatoma vulgare Cocconeis pediculus Gomphonema curvatum Encyonema prostratum
Monterey Bay New York	A2 3491	Melosira varians
Nova Scotia	3077	Pinnularia major (= P. nobilis Ehr.) Sauroneis baileyi Navicula amphiprota navicula Ehr.)
Nova Scotia	3701	Sauroneis acuta = S. baileyi Pinnularia viridis
N. Scotia	4391	Deposit Dartmouth, N. Scotia one label too black to read
N. Scotia	3974	Deposit from North Mountain Sauroneis blank Navicula semen
Los Angeles, Calif	A1	April 1863 G. Wilkes?
California	4407	Diatomacea, South Seas? rather California
TRAY 13 MIDDLE		
California Shell cleanings	1718	Hyalodiscus blank Aulacodiscus oregonus P845 Orthosira ? Cocconeis blank
Puget Sound California	278 for Bailey	Arachnoidiscus ehrenbergii Bailey
Maryland	653	Craspedodiscus Coscinodiscus
Piscataway Deposit Monterey, Sea Weed	306	Aulacodiscus kirkmani Biddulphia turpida

Cont. on 52



TRAY 13 MIDDLE cont.

Monterey Bay	305	Aulacodiscus Kittroni	
		A. oregonus	
	1297	Navicula blank	
Monterey Bay	A 2	Dec 1862	
New York	3451	Rhabdonema arcuata on Zostera	P. 804
-L	3611	Podocystis on Grinelli	
Connecticut	1214	Eunotia felix	} VAN.
		E. triodon	
		E. diodon	
		E. septenaria	
		E. octodon	
		E. decodon	
		E. serra	
Rhode Island	2448	Rhabdonema adriaticum	P. 805
		Toxarium undulatum	V. 4005
Virginia	652	Craspedodiscus coscinodiscus	P. 832
		Coscinodiscus blank	
		Triceratium blank	
R. Rappanhannah	297	Asterolampra marylandica	
Virginia		Triceratium marylandicum	
	TRAY 13	<b>BOTTOM</b>	6.11.03
Tripoli, Bermuda	303	Aulacodiscus Crusc Ehr.	
Virginia			
-L	E 717	Eupodiscus rogersii	
		Heliopelta n.sp.	
		Coscinodiscus blank	
-L	1298	Eupodiscus rogersii	
		Heliopelta blank	
		Omphalopelta blank	
		Craspedodiscus elegans	
-L	654	Craspedodiscus elegans	
Cape Merin		Eupodiscus rogersii	
Mauritius		Heliopelta n.sp.	
Le Crozier			Contr. on 53



TRAY 13 BOTTOM cont.

Tripoli, Bermuda	654	Coscinodiscus blank	
Virginia	cont.		
Bermuda Deposit	1297	Eupodiscus rogersii	
"	1299	Eupodiscus rogersii var	
		Aulacodiscus crux	
		Coscinodiscus sp	
West Indies	4296	Triceratium orbiculatum	
		F.V. Bright	
		Campylodiscus latus Sh.	✓654
Barbadoes Deposit	4520	Diatomacea Polycystium?	
W. Indies Deposit	1553	Goniothecium odonella	P864
		<del>Odontidium</del> bla	
		G. gastridium	✓1963
		G. rogersii	
Jamaica	4281	Triceratium orbiculatum Sh	
		Two Slides missing	

TRAY 14 TOP

San Felipe Guano	656	Cresswellia turgida Grev	✓1096
		Biddulphia reticulata	✓551
Ichaboe Guano	A3	Arachnoidiscus ornatus	P842
Peruvian Guano	307	Aulacodiscus kitroni var nod 6	P844
" Upper	304	Aulacodiscus formosus	P.843
		A. comberi	P844
River Essequibo	4619	Scraped from Kimber	
S. African Guano	280	Arachnoidiscus ehrenbergii	
Port Natal	4583	Euphyllodium spathulatum	P77?
		see spelling, ✓1634	
		Asterolampra impar	✓327
		Biddulphia reticulata	
		Climacosphenia catena	✓762
Cape Comorin	1732	Leveillea gracitilis (nondiatom)	
Mauritius	4409	Diatomacea	
Le Crozier		(Three) 3 SLIDE MISSING	

Cont. on 54



TRAY 14 MIDDLE

Indian Ocean	4293	Triceratium formosum	
-ll-	4298	Triceratium scitulum	P857
-ll-	364	Briddulphia pulchella	
Sargassum	503	Cocconeis scutellum	
Japan	279	Arachnoidiscus ehrenbergii	
		on Prilole	
Thiber	2765	Odontidium blank	
Sikhim	3220	Pinnularia blank	
Blank	60	Achnanthes ventricosa Ehr.	
-ll-	E718	Diadesmis blank	
-ll-	977	Diadesmis blank	
-ll-	E719	Achnanthes ventricosa Ehr.	

One Slide missing

TRAY 14 BOTTOM

Bilen Deposit	1807	Melosira distans	
Melbourne	4617	Echinus debris Curio hargui?	
	2 footnote	B. Wilson	
Deposit, Doctor's Creek	4544		
Australia	3 footnote	Blank	
Sydney	3	Achnanthes brevipes	
	1311	v Lyra - - thos sulcat - -	?
West Australia	1727	Isthmia grandis n.sp (not traced)	
Australia	502	Cocconeis scutellum	
Blank	E720	Rhabdonema mirificum	
Australia	E721	Cocconeis scutellum	
Bass Straits	1276	Eupodiscus ovalis Nova?	

ONE ~~THREE~~ SLIDES MISSING See above

TRAY 15 TOP

Tropical Seas	424	Campylodiscus radiosus	
		Cammalophora ornatus	
	3203	Triceratium formosum	
So. Sea Island	E722	Aulacodiscus oregonus	

Cont. on 55

Cont. on 56



TRAY 15 TOP CONT.

Ballaklava	3404	Podosira hormoides	
		Podosphenia ehrenbergii	
		Eupodiscus blank	
-L	3447	Rhabdonema adriaticum	
		Eupodiscus blank	
		Podosphenia ehrenbergii	
		Grammatophora marina	P808
-L	1560	Grammatophora marina	
		Eupodiscus blank	
		Podosphenia ehrenbergii	
Venice			
-L	3431	Podosphenia ehrenbergii	
		Eupodiscus blank	
		Grammatophora marina	
-L	E723	Eupodiscus blank	
		Podosphenia ehrenbergii	
		Podosira hormoides	
-L	1310	Eupodiscus blank	
		Podosphenia ehrenbergii	
		Grammatophora macilenta	P808
Santa Fiore, deposit	2042	Rhabdonema adriaticum	
-L	1311	Eupodiscus blank	
		Podosphenia ehrenbergii	
Sebastopol	4622	Diatomacea (June 1860)	13.11.02
-L	4623	Diatomacea (June 1860)	
Bosphorus	3446	Rhabdonema adriaticum	
		Podosira hormoides (Check)	V3412
Lapland deposit	TRAY 15	MIDDLE	
Bosphorus	3441	Rhabdonema adriaticum	
		Podosira hormoides	
		Grammatophora macilenta	V1975
Hungary, deposit	3203	Pinnularia viridis	
Egra, Bohemia	385	Campylodiscus clypeus	
		Navicula costata	

Cont. on 56



TRAY 15 MIDDLE CONT.

Bonemian deposit	370	Campylodiscus clypeus	V 7520
Pyrenees		Navicula tumens	P. 806
		Orthosira marina	
		Coscin var sp	
		Actinopterychus octonarius	P. 840
-L-	391	Campylodiscus clypeus	
		Navicula tumens	
-L	389	Campylodiscus clypeus	
	4162	Synedra tabulata	P 788
Venice	E 724	Cymbosira agardhii	P 875
Venice	883	Cymbosira agardhii	
-L	882	Cymbosira agardhii	
-L	1721	Hyalosira obtusangula	P 804
Leghorn, "deposit"	3946	Stauroneis punctata	
		Cymbella ehrenbergii	P. 875
		Pinnularia oblonga	
		Odontidium tabellaria	
		Orthosira blank	

TRAY 15 BOTTOM

Sante Fiore, depos.	2042	Navicula cuspidata	V 2494
		(N. rostrata Kutg ?)	
-L	2177	Navicula lavissima Kg	
		not traced in Van. (only 'latissima')	
-L	1262	Eunotia cymbellu (ovii)	not in Van.
Sienna deposit	4393	2 "black-red" labels	
-L	4392	Floating bricks (C.R.R. "?)	
Laplana deposit	1257	Diatomacea	
Saure Salur	E 725	Synedra fontinalis	
		Tryblionella gracilis	
-L	4052	Synedra fontinalis	
-L	4051	Synedra fontinalis	
		Tryblionella gracilis	

Cont. on 57



TRAY 15 BOTTOM cont.

Lac de Gaube Pyrenees	2079	Navicula dissimilis Gomphogramma rupestre Two Slides MISSING	V 2520 P. 806
Lac de Gaube Pyrenees	TRAY 16 E 726	TOP Navicula dissimilis N. scita	
-ll	E 727	Navicula scita N. dissimilis	
Biarritz	3417	Podosira montagnei P. maculata	
Kandestag	2781	Cocconeis scutellum Odontidium mesodon Himantidium arcus Epithemia ocellata Gomphonema blank	
Luneberg Deposit	2807	Orthosira tenuis Synedra biceps S. ulna var Cymbella cuspidata Gomphonema capitatum	
-ll	4009	Synedra biceps S. ulna var Orthosira tenuis Cyclotella minutula Cymbella cuspidata Gomphonema capitatum	V 1119
Weissenfels	4219	Synedra vaucheria Kg. ? ? Kutzingianum	
German deposit Nordhausen	4634 1971	Odontidium tabellaria Navicula atomus (Synedra atomus Kut <sub>3</sub> )	V 2422
Arromanches	4046	Synedra fasciculata = S. gallionii = S. familiaris	Cont. on 58



TRAY 16 TOP cont.

Arrromanches	4046	Synedra arcus	
	cont		
Silesia Th. Boch	3771	Surirella acaphana V3818, Amphora abbreviata	
		Probably Rab (enhorst) Algae N-1489	
		prepared by Eulen	purchased in London
Normandy	477	Cocconeis laevis Breb	
		Nitzschia radula Breb	V3103
		Navicula granulata	V2572
		N palpebralis	V2709
		N pectinalis	V2716

TRAY 16 MIDDLE

Falaise	1646	Himantidium minus	
Cornwall	4853	(= H. pectinale)	
Devonport	E728	Tabellaria ventricosa	
	4274	Tabellaria ventricosa	
	3137	Navicula gracilis Ehr.	
Devonshire	1585	= Pinnularia radiosa	
Teignmouth	E730	(bursee V2571 for 'nodosa')	
	2941	Pinnularia baileyana Breb	not in Van
	2837	Orthosira arenaria	
La Mancha	3427	Podosira (Hyalodiscus) Sm	
		(Hyalodiscus Ehr)	
		Pleurosigma rigidum	
	2321	Amphiretras antediluviana	
		Eupodiscus ralfsii Sm	
	3362	Pleurosigma rigidum	
	2838	Podosira (Hyalodiscus)	
Penzance, Hoe Moor	1665	Eupodiscus ralfsii (small)	
France	1669	Himantidium undulatum	
Silver Pits	4576	From stone deep sea	boss?
	1076	TWO SLIDES MISSING	

Cont. on 59

Cont. on 60



TRAY 16 BOTTOM

20.11.02

Jersey	4067	Synedra gallionii	
		Grammatophora marina	P803
Jersey	1561	Grammatophora marina	
	<i>a footnote</i>	Synedra gallionii	
-	2060	Navicula cryptocephala	
Les vieux Fresh water		Pleurosigma pusillum	V3388
		Pleurosigma lacustre	
		Nitzschia blank	
Guernsey	3462	Rhabdonema minutum	
	<i>a footnote</i>	R. arcuatum	
		Amphitetras antediluviana	
Cornwall	4058	Synedra fulgens	
Devonport	E729	Grammatophora subtilissima	P809
-	1580	Grammatophora subtilissima	
-	3450	Rhabdonema arcuatum	
Devonshire	1585	Halymenia ligulara	not in Van.
Teignmouth	E730	Orthosira arenaria	

TWO SLIDES MISSING

TRAY 17 TOP

Teignmouth	2231	Navicula minutula Sm	
		N. elegans	
		N. palpebralis	
-	2321	Navicula pygmaea K <sub>3</sub>	
	<i>a footnote</i>	(minutula Sm)	
		Amphora salina	
-	2838	Orthosira arenaria	
Penyance, Hoe Moor	1655	Himantidium pectinale (small)	
-	1464	Gomphonema dichotomum	P890
		G. tenellum	P889
-	1076	Encyonema prostratum	P879
-	189	Amphiprora ralfsii	
Sidmouth		Pinnularia cyprinus var	
		Nitzschia virgata	

Cont. on 60



## TRAY 17 TOP cont.

Penzance	3418	<i>Podosira montagnei</i>	
-ll-	596	<i>Coscinodiscus concinnus</i>	very faint
		<i>Eupodiscus subtilis</i>	✓ 1641
-ll-	155	<i>Amphiprora complexa</i>	P 922
		<i>Amphipleura inflexa</i>	P 783
Exmouth	3436	<i>Podosphenia jurgensii</i>	P 769
-ll-	3619	<i>Schizonema smithii</i>	

## TRAY 17 MIDDLE

Exmouth	3623	<i>Schizonema smithii</i>	var
-l-	3622	<i>Schizonema smithii</i>	
-ll-	3646	<i>Schizonema smithii</i>	
-ll-	4066	<i>Synedra gallionii</i>	
		<i>Grammatophora marina</i>	
-ll-	3437	<i>Rhipidophora dalmatica</i>	P 770
		<i>Podosphenia jurgensii</i>	
Plymouth	4054	<i>Synedra fulgens</i>	
		<i>Grammatophora marina</i>	
-ll-	1946	<i>Dictyocha gracilis</i>	P 936
		<i>Campylodiscus ralfsii</i>	
		<i>Surirella lara</i>	
-ll-	E 731	<i>Eupodiscus ralfsii</i>	
		<i>Podosira maculata</i>	
-ll-	E 732	<i>Triceratium favirus</i>	
Torquay	3419	<i>Podosira montagnei</i>	
	3573	<i>Schizonema grevillei</i>	
-ll-	1738	<i>Licmophora flabellata</i>	

## TRAY 1 BOTTOM

Torbay	3618	<i>Schizonema ramosissimum</i>	
-ll-	3616	<i>Schizonema ramosissimum</i>	
-ll-	3654	<i>Schizonema wyattii</i>	✓ 3663
-ll-	1723	<i>Isthmia enervis</i>	
Sidmouth	3613	<i>Schizonema parasiticum</i>	

Cont. on 61



TRAY 17 BOTTOM cont.

Sidmouth	3657	Schizonema blank	
↳	3655	Schizonema blank	
↳	3484	Rhipidiphora crystallina var Schizonema comoides	
Ilfracombe	1573	Grammatophora serpentina	
↳	2554	Nitzschia hyalina	✓3056

TWO SLIDES MISSING

TRAY 18 TOP

Bristol	E733	Melosira varians (fruit)	
↳	1864	Melosira varians (fruit)	
↳	3372	Pleurosigma spencerii	
↳	1150	Epithemia sorex	
↳	3829	Surirella ovata	
		Podosphezia oculata (Has)	✓3420
Wells	2028	Navicula cruciformis	
	2 footnote	N. rectangulara	✓2763
		var Trevelyana	✓3328
		N. forcipata	✓2545
		N. pygmaea	
		N. liber	
		Pinnularia cyprinus	
	2122	Navicula forcipata Gr.	
		N. pygmaea Kz	
		N. cruciformis	
		N. liber	
		N. rectangulara var	
		Pinnularia cyprinus	
Somerset	4543	Blank	
Minehead	E734	Podosira montagnei	
		P. maculata	
↳	3408	Podosira maculata	
		P. montagnei	
		Schizonema grevillei	

Cont. in Book 7







REPLACED SLIDE 18-6-2003

TRAY 8 TOP cont. CABINET 3

S 630	New Zealand	1264	Eupleuria pulchella var Aulacodiscus
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TRAY 8 TOP cont.

5565	Cumbræ	1119	Amphiprora ralfsii	V 175
		cont	A. lepidoptera	V 169
			Pleurosigma marinum Dank	V 3381
			Navicula humerosa	V 2591
5567	Caen	1414	Frustulia anceps	
			Mitryschia sp.	
5601	Algoa Bay (guano)	310	Aulacodiscus petersii	
			Triceratium blank	
5615	Swansea	2410	Navicula lapida n.sp.	2846
5616	--	4050	Synedra	
			S. fontinalis	
			S. deformis	
			S. tenera	
			S. lunaris	
			S. fasciculata	
5617	Sidmouth	E 687	Cocconeis binotata	V 769
			Grammatophora mexicana	P 808
5617	--	456	Cocconeis binotata	



CABINET N° 3

REPLACED SLIDES

TRAY N° 14 TOP cont.

Mauritius	476	Cocconeis grevillei
		Gephyrysa telfairii
		Arach ehrenbergii
		on Ploc telfairii
-11-	3471	Rhabdonema mirificum
		Arach ehrenbergii
		on Ploc telfairii
Patagonia Guano	1416	Gephyrya incurvata
Mr. Brightwell		Isthmia nervosa

25

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TRAY 13 BOTTOM cont.

Tripoli, Bermuda	654	Coscinodiscus blank
Virginia	cont.	
Bermuda Deposit	1297	Eupodiscus rogersii
-11-	1299	Eupodiscus rogersii var



CABINET N° 3

REPLACED SLIDES

TRAY N° 1 BOTTOM CENT.

Australia	1263	Eupleuria ocellata var.	
Dr. Curdie			
Australia	199	Amphitetras ornata sp.?	
		Cocco.	
		Eupleuria ornata on <i>Bolus collitz</i>	
		Dr. Greville	
footnote		Eupleuria ocellata on	
		<i>Balkacallitricha</i> , Australia	

	1222		
	1230		
	1324		
	1368	<i>Embothisca</i>	
	1538	<i>Embothisca</i>	
	1600		
	1620		

29

54

TRAY 14 MIDDLE

Indian Ocean	4293	<i>Triceratium formosum</i>	
-  -	4298	<i>Triceratium scitulum</i>	P857
-  -	364	<i>Biddulphia pulchella</i>	