

# DIATOMS No.3

1 - 65

WALKER ARNOTT SLIDE COLLECTIONTranscribed by C.P. RAWCLIFFE

P = Pritchard (1861) V = Van Landingham (i-vii) 1975

Unmarked = W. Smith Vols 1 &amp; 2 (1853 &amp; 1856)

		TRAY 50	TOP Cont. from 2/81
473	Cumbræ, dredged	2661	Nitzschia socialis
		& footnote	N. birostrata
			Synedra undulans
			S. hennedyi
473	-L	2662	Nitzschia socialis
			N. birostrata
			Synedra undulans
			Coscinodiscus minor
			Rhabdonema adriaticum
473	-L	4092	Synedra hennedyi
			S. undulans
			S. fulgens
			Nitzschia socialis
474	Cumbræ	2221	Navicula lyra
			Nitzschia birostrata
			Synedra undulans
		TRAY 50	MIDDLE
474	Cumbræ	2521	Nitzschia birostrata
			Synedra undulans
474	Cumbræ, dredged	4207	Synedra undulans
			S. hennedyi
			Pleurosigma decorum
			P. rigidum
			Nitzschia birostrata
474	-L	4093	Synedra hennedyi: S. undulans
			Nitzschia socialis: N. birostrata:
			Cont. on 3/2

## MIDDLE

TRAY 50 <sup>BR</sup>TOP cont.

5.7.00

2

474	Cumbræ, dredged	4094	Synedra kennedyi S. undulans S. fulgens S. robusta	
474	-  -	2523	Nitzschia birostrata N. socialis Synedra undulans S. fulgens	
474	-  -	2668 <i>a footnote</i>	Nitzschia socialis N. birostrata Synedra undulans	
475	Loch Fine	1873	S. superba S. fulgens	
475	Loch Fine (sic)	416	Campylodiscus limbatus C. horologium	P. 799
475	-  -	415	Campylodiscus horologium C. simulans Navicula bombus N. pandura	Vii p 666 V.v p 2443
475	-  -	431	Campylodiscus simulans Navicula orabro	V.v p 2483
475	-  -	379	Campylodiscus angularis C. horologium	P. 800
475	-  -	2281	Navicula pandura N. spectabilis	V. v p 2822
475	Loch Fyne	404	Campylodiscus decorus C. horologium C. limbatus C. simulans Navicula pandura	V. ñ p 642

## TRAY 50 BOTTOM

475	Loch Fyne	414	Campylodiscus horologium C. limbatus C. angularis Navicula pandura? Surirella lata
475	-L	413	Campylodiscus horologium C. angularis C. simulans
475	-L	412	Campylodiscus horologium
476	-L	905	Denticula marina V. viii p1275
476	-L	1873	Himantidium williamsonii Pleurosigma decorum Melosira westii Himantidium williamsonii Pleurosigma decorum
476	-L	3781	Campylodiscus simulans Surirella fastuosa Himantidium williamsonii Denticula marina Campylodiscus eximius P 800
476	-L	406	Campylodiscus eximius C. limbatus C. simulans Himantidium williamsonii
476	-L	407	Campylodiscus eximius C. simulans
476	-L	99	Actinocyclus octodentarius & footnote Himantidium williamsonii Pleurosigma decorum
476	-L	3282	Pleurosigma decorum Campylodiscus marginatus V. vii p655 C. simulans Himantidium williamsonii

cont. on 3/4

TRAY 50 BOTTOM cont.

476	Loch Fine	2850	Ormosira marina	
478	Holy Loch	891	Pleurosigma decorum	P. 1271
478	Lamlash, Arran	640	Campylodiscus simulans	P. 1273
478	Lamlash, Arran	640	Himantidium williamsonii	
476	+	2672	Nitzschia spectabilis	P. 782
			N. insignis	
			Denticula marina	P. 871
			Himantidium williamsonii	P. 820
TRAY 51 TOP 12.7.00				
476	Loch Fine	E 269	Campylodiscus simulans	
		(1)	C. eximius	
			C. marginatus	
			Himantidium williamsonii	
476	Loch Fyne	E 270	Glyphodesmis williamsonii	
		(2)	Campylodiscus eximius	
478	Lamlash Bay	2397	C. decorus	P. 800
476	Loch Fyne	405	Campylodiscus decorus	
		a footnote	C. limbatus	
			C. eximius	
			C. simulans	
476	Loch Fyne	417	Campylodiscus limbatus	
		a footnote	C. decorus	
478	Lamlash Bay	2194	C. eximius	
			C. simulans	
476	Loch Fyne	1418	Glyphodesmis williamsonii	
			(Him. williamsonii Sm.	
			Dia. - Greg)	P. 790
478	+	414	Campylodiscus simulans	
476	Loch Fyne (dredged)	1419	Glyphodesmis (Hem. Sm) williamsonii	
		a footnote	Campylodiscus eximius	
			C. decorus	
477	Loch Fine	380	Campylodiscus angularis	
			Cont. on B/5	
			Cont. on B/6	

TRAY 51 TOP cont.

478	Holy Isle, Arran	948	Denticula blank	
478	Holy Isle	891	Denticula distans	V. vol. III P 1271
			D. fulva	V. vol. III P 1273
478	Lamlash, Arran	644	Coscinodiscus	
479		906	Orthosira angulata	
			Orthosira marina	
479		951	Cocconeis nitida	P. 871
479		952	Navicula spectabilis	V. vol. IV P 2820
479		953	Eupodiscus crassus	
478	Lamlash Bay	2000	Navicula clavata	V. vol. IV P. 2468
479		a footnote	N. spectabilis	
			N. hennedyii	
			Synedra superba	
479		472	Orthosira marina	
			Coscinodiscus minor	
478	Lamlash Bay	2397	Navicula spectabilis	
		a footnote	N. hennedyii	
479	Lamlash Bay	460	N. clavata	
			N. nebulosa	
			Orthosira marina	
			Coscinodiscus minor	
		TRAY 51	MIDDLE	
478	Lamlash Bay	2194	Navicula latissima	
			N. spectabilis	
			N. nebulosa	
			N. clavata	
479	Holy Isle, Arran	274	Dimeregramma sp.	P 790 Greg.
478	-	414	Synedra superba	
			Navicula spectabilis	
479	Lamlash Bay	1999	Orthosira marina	
			Coscinodiscus marina	
479	Holy Isle Arran	E 271	Himantidium williamsonii	
			Coccon(eis) blank	

Cont. on 3/6

TRAY 51 MIDDLE CONT.

19.7.00

479	Holy Isle, Arran	E 272	Cocconeis distans	P 870
			C. costata	P. 871
			Navicula spectabilis	
			Diadesmis williamsonii	P 923
479	--	906	Denticula minor	
			D. fulva	V. p 1273
479	--	951	Denticula blank	
479	--	952	Denticula blank	
479	--	953	Denticula blank	
		& footnote	Amphora costata	
479	--	1679	Himantidium williamsonii	
			Cocconeis costata	
479	--	472	Cocconeis costata	
			C. distans	
			Navicula clavata	
			N. hennedyi	
479	Lamlash Bay	460	Cocconeis costata	
			C. distans	
			C. ornata	P. 870
			Dimeregramma blank	P 763
			Navicula clavata ?	
479	Holy Isle, Arran	220	Amphora costata	
			Cocconeis distans	
			Himantidium williamsonii	
		TRAY 51 BOTTOM		V 2689
479	Holy Isle, Arran	274	Amphora blank	
			Navicula spectabilis	
			Himantidium williamsonii	
479	Lamlash Bay	1999	Navicula clavata	
			N. hennedyi	
			N. nebulosa	V 2689

cont. on 3/7

TRAY 51 BOTTOM cont.

479	Lamlash Bay	1999 (cont.)	Cocconeis costata C. distans Dimeregramma blank Coscinodiscus minor
479	-L	2858	Orthosira marina O. angulata Coscinodiscus (Orth. angulata) Cocconeis distans
480	-L	2374	C. ornata Dimeregramma blank
479	Holy Island	645	Coscinodiscus (Orth. angulata) Orthosira marina (Orth. angulata)
480	Lamlash Bay	904	Denticula marina
480	-L	461	Cocconeis costata C. distans
480	-L	2396	Navicula spectabilis N. nebulosa (small)
480	-L	4482	Blank
480	-L	621	Coscinodiscus minor (Orth. angulata W.G.)
481	-L	3075	Meridion marinum Greg P768
480	-L	954	Denticula blank Navicula kennedyii N. nebulosa
480	-L	1906	Meridion marinum W.G. Navicula lyra V2648
480	-L	1907	Meridion marinum W.G. Cocconeis nitida C. distans Navicula nebulosa
			Pinnularia nobilis Epithemia spores Lentigin 3/9



TRAY 52 TOP

480	Lamlash Bay	2155	Navicula hennedyi N. nebulosa N. lyra Denticula blank n. sp. W.G
480	-L	650	Coscinodiscus blank Orthosira marina <del>Coscinodiscus minor</del> b.l.h. Cocconeis ?
480	-L	2574 a footnote	Nitzschia uncinata Coscinodiscus minor (Orth. angularata) Orthosira marina Cocconeis distans
480	-L	E273	Orthosira marina Coscinodiscus minor Navicula spectabilis Pleurosigma transv (ersale) V3401
481	Raasay dep.	1145	Epithemia sorex E. gibba 1856 heavy Navicula obrusa V2700
481	-L	3075	Pinnularia major Epithemia sorex Navicula obtusa
481	-L	3819	Surirella nobilis Navicula obrusa
481	Raasay Light	4614	Pinnularia nobilis
481	Cumbrae	4572	Epithemia sorex
481	-L	4570	Deposit from Raasay 1856
481	-L	2257	Navicula obtusa Surirella nobilis 3 heavy Pinnularia nobilis Epithemia sorex

Cont. on 3/9

Cont. on 3/10

## TRAY 52 TOP cont.

481	Raasay dep	4412	Raasay Earth N°2 1856
482	-  -	2796	Odontidium mutabile Navicula obtusa Epithemia n.sp.
482	-  -	4484	Deposit from Raasay 1 - heavy
		TRAY 52	MIDDLE 26.7.2000
482	Raasay dep	1424	Gomphonema acuminatum Stauroneis punctata
483	-  -	3817	Odontidium mutabile Surirella nobilis Pinnularia nobilis P. major P. viridis Stauroneis phoenicenteron
483	-  -	3103	Pinnularia nobilis P. major P. viridis Stauroneis phoenicenteron
483	-  -	4615	Deposit from Raasay 1856 heavy
484	-  -	4024	Synedra capitata S. radians Odontidium mutabile
484	-  -	2804	Odontidium mutabile Synedra radians S. capitata
484	Raasay light	4614	Deposit from Raasay, light
485	Cumbrae	2522	Milneschia birostrata Synedra undulata
486	Raasay	4601	Deposit from Raasay
486	-  -	4603	Raasay earth N°3 heavy
487	-  -	1593	Himantidium arcus Pinnularia n.sp. Epithemia n.sp.

Cont on 3/10

TRAY 52 MIDDLE cont.

487	Raasay, medium	4611	Deposit from Raasay medium
		TRAY 52	<b>BOTTOM</b>
487	Raasay, dep.	513	Cocconeis rhwaitesii Cyclotella antiqua
487	-  -	4025	Synedra capitata S. longissima Epithemia n.sp. Pinnularia n.sp.
487	-  -	E274	Surirella nobilis Cymbella affinis Cyclotella antiqua
487	-  - N°3	E275	Navicula angustata
487	Raasay Earth	4606	Tryblionella angustata
488	Possil Quarry	E276	<del>Diatoma</del> <b>blk</b> Denticula tenuis
487	-  -	2915	Nitzschia sigmoidea
487	-  -	2099	Navicula elliptica var.
487	-  -	3935	Cyclotella antiqua
487	-  -	933	Denticula tenuis
488	-  -	-	Tryblionella angustata
488	-  -	-	Nitzschia sigmoidea
488	-  -	3914	Navicula angustata
487	-  - med.	2256	Navicula obtusa <i>obtusata</i> v.2701 (1880)
489	-  -	603	Surirella nobilis Epithemia var.
487	-  -	3199	Cyclotella antiqua Pinnularia undulata Nitzschia sigmoidea Navicula angustata
489	-  -	1537	Tryblionella angustata
487	-  -	2656	Nitzschia sigmoidea
		footnote	Tryblionella angustata Navicula angustata

Cont. on 3/11

TRAY 52 BOTTOM cont.

487	Raasay dep 1852 N°3 medium	665	Cyclotella antiqua Nitzschia sigmoidea (and note) Synedra longissima Navicula obrusa (ta)	
487	Raasay dep	4106	Synedra longissima S. capitata Cocconeis thwaitesii Nitzschia sigmoidea	
487	-	4320	Tryblionella angustata Nitzschia sigmoidea Navicula angustata	
		TRAY 53	TOP	2.8.00
487	Rausay Earth	4606	Blank	
488	Possil Quarry	E 276	Stauroneis gracilis Pinnularia acuta	
488	-	2915	Pinnularia acuta	
488	-	339	Stauroneis gracilis	
1:57	} one slide; inverted	3935	Stauroneis phoenicenteron Pinnularia acuta	
Sic		-	Stauroneis gracilis	
488		-	Pinnularia acuta	
1:57 RN		-	Stauroneis gracilis	
488	-	3914	Stauroneis gracilis	
489	Raasay Deposit	E 277	Cyclotella antiqua	
489	-	663	Cyclotella antiqua	
489	-	1837	Himantidium arcus Cymbella) n.sp.	
489	-	797	Cymbella helvetica setica Himantidium arcus	
489	-	1587	Cyclotella minutula & antiqua? V. p. 1119 Himantidium arcus Cyclotella antiqua Cymbella affinis	

Cont. on 3/12

TRAY 53 TOP cont.

489	Raasay	4600	Deposit from Raasay
489	- deposit	1960	Navicula angustata Cyclotella antiqua
489	-	2247	Navicula obrusata
490	Dawlish Warren	E 278	Schizonema cruciger MIDDLE Rhabdonema minutum Melosira nummuloides Actinanthes brevipes
490	-	1791	Melosira borrierii M. nummuloides Podosira hormoides P. 815
490	-	3520	Schizonema cruciger
490	-	3461	Rhabdonema minutum Podosira hormoides Melosira nummuloides M. ? var
490	-	339	Biddulphia aurita Podosira hormoides Melosira nummuloides M. borrierii Rhabdonema minutum
490	-	1842	Melosira nummuloides M. var. loides var. Biddulphia aurita
490	-	1837	Melosira nummuloides M. var. mitchii Biddulphia aurita Actinanthes subsessilis Synedra blank
491	-	3647	Schizonema smithii (salina) Podosira hormoides Melosira salina Cont. on 3/13

TRAY 53 MIDDLE cont.

491	Dartfish Warren	1838	Melosira nummuloides et Sporang Rhabdonema minutum Biddulphia aurita Schizonema smithii
491	-L	1835	Melosira nummuloides var.
491	-L	3463	Rhabdonema minutum Melosira nummuloides et Sporang Biddulphia aurita Schizonema smithii
492	-L	1834	Melosira nummuloides et Sporang Biddulphia aurita Schizonema smithii
			<b>TRAY 53 BOTTOM</b>
492	Dartfish Warren	1836	Melosira nummuloides Schizonema cruciger S. smithii Biddulphia aurita Rhabdonema minutum
492	-L	E 279	Melosira nummuloides et Sporang Schizonema smithii Biddulphia aurita Rhabdonema minutum
493	-L	E 280	Melosira nummuloides var. Schizonema smithii Rhabdonema minutum
493	-L	3638	Schizonema smithii Melosira nummuloides Rhabdonema minutum
493	-L	1840	Achn. blank Melosira nummuloides (salina) Schizonema smithii
			Cont. on 3/14

cont. on 3/15

## TRAY 53 Bottom cont

494	Haverfordwest	E 281	Homoeocladia Gomphonema capitatum	P 887
494	-L	1436	Achnantheidium lineare Gomphonema capitatum	
494	-L	1711	Homoeocladia Gomphonema capitatum Achnantheidium lineare	
494	-L	1710	Homoeocladia Gomphonema capitatum Achnantheidium lineare	
494	-L	80	Achnantheidium lineare Homoeocladia Gomphonema capitatum	
494	-L	1691	Homoeocladia Gomphonema capitatum Achnantheidium lineare	
495	Invercloy dredged	890	Denticula distans Coscinodiscus minor	P 926 P 831
		TRAY 54	TOP	9. 2. 2000
495	Invercloy, dredged	250	Amphora plicata	P 884
495	Tasmania	4225	Synedra climacis australis	see below V 3900
495	-L	455	Climacosphezia australis Synedra blank	V 762
495	-L	E 281	Climacosphezia australis Synedra blank	V 762
496	Haverfordwest	E 283	Achnanthes exilis	P 874
496	-L	28 <sup>for note</sup>	Achnanthes exilis	
497	Cumbræ Wales	3513	Schizoneima comoides	V 3645
498	-L Glasgow	3508	Schizoneima comoides Synedra gailletii	V 3916

Cont. on 5/15

TRAY 54 TOP Cont.

498	Cumbræ	3516	Schizonema comoides Amphora salina	P 882
499	-ll	3685	Schizonema blank	
499	-ll	3662	Schizonema blank	
499	-ll	3667	Schizonema blank	
TRAY 54 MIDDLE				
499	Cumbræ	3504	Schizonema apiculatum	V3643
499	-ll	3506	Schizonema apiculatum Grev. = S. obtusum?	V3654
500	-ll	257	Amphora salina Schiz. blank	
500	-ll	3668	Schizonema blank	
500	-ll	2822	Amphora salina	
500	-ll	3669	Schizonema blank	
500	-ll	2828	Amphora salina	
500	-ll	E284	Amphora salina Schizo. blank	
501	Invercloy, dredged	E285	Navicula forcipata N. clavata	P 897 V2468
501	-ll	2232	Navicula lyra N. pectinalis Denticula distans	V1271
501	-ll	218	Amphora costata Coscinodiscus minor	P 882 P 831
501	-ll Arran	4414	Sand dredged off Invercloy, Arran	
501	-ll	619	Coscinodiscus minor	
501	-ll	4486	Sand dredged off Invercloy, Arran	
TRAY 54 BOTTOM				
502	Neyland	3580	Schizonema helmentosum	V3649
502	-ll S.Wales	3581	Schizonema helmentosum	
503	near Glasgow	2826	Odonridium parasiticum on Nitzschia tenuis	

cont. on 3/16



TRAY 54 Bottom cont.

503	Hangingshaw nr. Glasgow	2820	Odontidium parasiticum on Nitzschia tenuis	
503	-  -	E 286	Nitzschia tenuis dubia Odontidium parasiticum Tryblionella gracilis	P792
503	-  -	E 287	Odontidium parasiticum on Nitzschia tenuis var. sigma	
503	-  -	2818	Odontidium parasiticum on Nitzschia tenuis var. sigma	
503	-  -	2700	Nitzschia tenuis var. Synedra vermicularis Odontidium parasiticum	
503	-  -	2822	Odontidium parasiticum on Nitzschia tenuis var. sigma	
503	-  -	2823	Odontidium parasiticum Nitzschia tenuis var. Synedra vermicularis	
504	Teignmouth, Devon	259	Amphora salina Nitz(schia) blank Amphora duplis not traced, may be Amphiprota duplex	P922

TRAY 55 TOP 16.6.2000

504	Teignmouth	2142	Navicula gregaria N. pygmaea Amphora salina Nitzschia blank	V 2573 V 2756 P 882
504	-  -	2126 a poor note	Navicula gastrum W.9 N. palpebralis N. minutula Pleurosigma arcuatum Amphora salina Amphiprota duplex Nitzschia lineata	V 2709 V 2674 P922

Cont. on 3/17

## TRAY 55 TOP cont.

504	Teignmouth	2234 a footnote	Navicula minutula N. gastrum W.G. Pleurosigma arcuatum Amphora salina Amphiprora duplex Nitzschia lineata
504	-ll-	2274	Navicula palpebralis (Pinnularia gastrum W.G.) Pleurosigma arcuatum Amphora salina Amphiprora duplex Nitzschia lineata Navicula minutula
504	-ll-	2328	Navicula pygmaea N. palpebralis N. gregaria Pleurosigma arcuatum Amphora salina Amphiprora duplex in pencil Nitzschia blank
504	-ll-	172	Pinnularia gastrum Amphiprora duplex in pencil Amphora salina Nitzschia blank
504	-ll-	168	Amphiprora duplex in pencil Amphora salina Pleurosigma arcuatum Nitzschia blank Navicula pygmaea Pinnularia acuta
			Cont. on 3/18

TRAY 55 TOP cont.

504	Teignmouth	166	Amphiproora duplex
		& footnote	Amphora salina
			Navicula gastrum W.G.
			N. minutula
			<del>Pinnularia acuta bla.</del>
			Pleurosigma arcuatum
504	-	2728	Nitzschia lineata
504	-	253	Amphora salina
		& footnote	Amphiproora duplex
			Navicula gastrum
			N. minutula
504	-	2575	Pleurosigma arcuatum
		& footnote	Nitzschia lineata
504	-	3224	Pinnularia blank
		& footnote	Nav. (Pinn) gastrum
			Navicula minutula
			Pleurosigma arcuatum
504	-	2531	Amphora salina
			Amphiproora duplex
			Nitzschia lineata
504	-	3263	Pleurosigma arcuatum
		& footnote	Navicula gastrum
			N. (P) minutula
			Amphora salina
			Amphiproora duplex
			Nitzschia lineata
504	-	3264	Pleurosigma arcuatum
			Navicula pygmaea
505	Neylea	2569	N. gregaria " ? " var.
			Nitzschia blank (small) sacs
505	-	241	Pinnularia blank
			Amphora salina
			Amphiproora duplex

cont. on 720

TRAY 55 MIDDLE

504	Teignmouth	2911	Pinnularia pencil "acuta" Pleurosigma arcuatum Navicula pygmaea N. gregaria Nitzschia blank
504	-L-	2728	Nitzschia ? lineata? Amphora salina
			Label has had some damage Amphiprora [duplex] Navicula pygmaea Pinnularia acuta
504	-L-	2575	Nitzschia lineata G.N. Navicula gastrum N. minutula Pleurosigma arcuatum Amphora salina Amphiprora duplex
504	-L-	2531	Nitzschia closterium V3024 Navicula pygmaea N. gregaria Amphora salina
504	-L-	E288	Navicula palpebralis (P) gastrum W.G. minutula Pleurosigma arcuatum Amphora salina Amphiprora duplex Nitzschia lineata
505	Neyland	2569	Nitzschia linearis } both in Cymbella ventricosa (small) } sacs
505	-L-	241	Amphora minutiforme Cymbella blank Nitzschia linearis

Cont. on 3/20

## TRAY 55 MIDDLE cont.

505	Neyland	940	Denticula tenuis	
			Nitzschia linearis	
			Cymbella ventricosa	
			Amphora minutiforme	
506	Neyland	40	Achnanthes parula	K.G.
506	-	42	Achnanthes parula	
506	-	43	Achnanthes parula	
506	-	41	Achnanthes parula	
		TRAY 55	BOTTOM	
507	Haverford west	1886	Meridion circulare	
			Synedra blank	
507	-	4231	Synedra blank	
			Meridion circulare	
507	-	4232	Synedra blank	
			Meridion circulare	
507	-	E289	Meridion circulare	
			Synedra blank	
508	Neyland	3592	Schizonema implicatum	
508	-	3588	Schizonema implicatum	
508	-	3593	Schizonema implicatum	
509	Gourock	4226	Synedra blank	
	-	4227	Synedra blank	
509	-	4228	Synedra blank	
		TRAY 56	TOP	27.8.2000
511	Walney Is. Lincs	164	Amphiprova constricta	P922
511	-	E290	Amphiprova constricta	
512	Lamlash	2878	Orthosira orichalcea	
513	Monkland Canal	1689	Homoeocladia filiformis	P785
	fresh water		Diatoma vulgare	
513	-	1688	Homoeocladia filiformis	
513	Monkland Canal	1686	Homoeocladia filiformis	
513	- (fresh)	1685	Homoeocladia filiformis	
513	-	E291	Homoeocladia filiformis	

TRAY 56 TOP cont.

514	Monkland Canal	1687	Homoeocladia filiformis
515	Cumbræ	291E	Licmophora flabellata
			and footnote Striatella unipunctata
515	Cumbræ	3712	Striatella unipunctata
515	-L	3713	Striatella unipunctata
			Licmophora flabellata
			L. splendida
<hr/>			
		1736	TRAY 56 MIDDLE
515	Cumbræ	1736	Licmophora flabellata
			Striatella unipunctata
515	-L	1737	Licmophora flabellata Kutz.
515	-L	1733	Licmophora flabellata (= L. splendida ?
			above on Sq. label not Grev)
			Licmophora flabellata on round label
515	-L	E 293	Licmophora flabellata W.G.
			crude of 515 Square label
			Above repeated on Round label.
516	Monkland Canal	4199	Synedra ulna
			S. radians
			Diatoma vulgare
516	-L	4090	Synedra hamata var. P 786
			S. ulna
			Diatoma vulgare
517	-L	E 294	Synedra hamata var. (P 786)
			S. ulna
			Diatoma vulgare
517	-L	4082	Synedra hamata var.
			S. ulna
			Diatoma vulgare
518	Kinness Well near St. Andrews	4091	Synedra hamata var normalis
518	Well at St. Andrews	4085	Synedra hamata (normal ?
			?

cont. on 3/22

## TRAY 56 middle cont.

518	Well at St. Andrews	4087	Synedra hamata (normal or straight form) on Cladonia fimbriata	
519	Hull	1072	Encyonema prostratum	
520	Woolwich	631	Coscinodiscus minor? Nitzschia dubia Podocystis mixed	TRAY 56 BOTTOM
520	-ll-	667	Cyclotella dallasiana Coscinodiscus minor	
521	-ll-	295E	Amphora salina Nitzschia dubia Bacillaria paradoxa	
521	-ll, ditch	255	Amphora salina A. tenera Coscin blank	
521	Woolwich	628	Coscinodiscus minor Nitzschia dubia	
522	-ll-	296E	Amphora tenera A. salina Bacillaria paradoxa	
522	-ll-	2608	Nitzschia dubia N. palea Amphiprora paludosa	P922
522	Woolwich, ditch	2739	Nitzschia (is small like Palea) Amphora tenera A. salina	
522	-ll-	186	Amphiprora paludosa Amphora tenera	
522	Woolwich	627	Coscinodiscus minor Nitzschia dubia N. blank Podocystis mixed	

Cont. on 3/23

TRAY 56 BOTTOM cont.

522	Woolwich (dirch)	269	Amphora tenera
532	St. Andrews	a foot more	A. salina
			Nitzschia dubia
524	Gourock	488	Beconeis pediculus
End of 1 <sup>st</sup> Cabinet			
536		5297	Rhipidoptera parvifera
536		5496	Rhipidoptera parvifera
537		30	Achnanthes longipes
539		3595	Schizoneura implicata
540		3596	Schizoneura laciniata?
			parasiticum Codon
550	Neylead, S. Wales	1696	Homococleia maxima
573	Cornick Fergana	1765	Maxillaria brevillii per m/s
			M. lanceolata per slide
576	on Gourock	1839	Melosira tumida
581	Cresswell	2703	Nitzschia virgata
			Epithemia marina
			Navicula
582	Cresswell	4120	Epithemia marina
			Nitzschia virgata
		sup. 25	Actinopteryx undulata V 140
		Tray 1	Tray 1
582	Cresswell	E298	Navicula granulata
			N. punctata
			Nitzschia virgata
			Epithemia marina
			Scaevola pulchella
			Paracerasira rectangula
582	Cresswell	2091	Navicula cruciformis, truncata
			N. ...
			N. ...
			Epithemia marina

Cont on page 25



CABINET N° 2

STARTED 29.11.2000

TRAY N°1 TOP

532	Kinness Burn Sr. Andrews	4638	Blank
535	Sr. Andrews	3495 (broken)	Rhipidophora paradoxa
536	-	E 297	Rhipidophora paradoxa
536	-	3496	Rhipidophora paradoxa
537	-	30	Achnanthes longipes
539	-	3595	Schizonema implicatum
540	-	3596	Schizonema laciniatum? parasiticum Cladoph
550	Neyland, S. Wales	1696	Homoeocladia martiana
573	Carrickfergus	1768	Mastogloia grevillii per m/s M. lanceolata per slide
576	nr. Gourock	1839	Melosira nummuloides
582	Cresswell	2703	Nitzschia virgata Epithemia marina Navicula nsp.
582	Cresswell	1120	Epithemia marina Nitzschia virgata
		see p. 25 1st item	Actinopterychus undulatus V 140
		TRAY 1	Middle
582	Cresswell	E 298	Navicula granulata N. humerosa
			Nitzschia virgata Epithemia marina Sauroneis pulchella Pinnularia rectangula
582	Cresswell	2031	Navicula cruciformis: N. truncata N. trevelyana: N. rectangula N. northumbria: N. granulata Epithemia marina

Cont. on page 25

582	Cresswell	106	Actinocyclus undulatus	V112
612	Tynemouth Sands	299	Nitzschia virgata	
			Navicula granulata : N. humerosa :	
			N. lineata :	
635	Swansea Dock	4101	Toxonidia gregoriana	
582	Cresswell	2141	Navicula granulata : N. humerosa	
617		167	N. truncata : N. rectangulara	
			N. trevelyana	
632		2617	Epithemia marina	V3656
587	Swansea	3524	Schizonema crucigerum	V.3647
633	Swansea Marsh, Swansea	2144	Nitzschia sigmoidea	
633		4567	Navicula amphibaena	
633		4605	Surirella gemma	
591	Hull	2707	Nitzschia vitrea : N. vivax	
639	Monterey Co. CA	4604	N. brebissonii	
640	Hendon Sands	3243	Stauroneis blank	
648	Cape Skirrah, Kinross	2102	Amphora affinis	V2528
			Navicula amphibaena	V2714
611	Cresswell (Sands)	3665	Schizonema blank	
			Druridgea geminata	
			Nitzschia spatulata	
651	Cape Skirrah	2803	Navicula northumbrica	
	Kincardine		Amphora arenaria	
655	Chigston at	E 300	Amphi (prova) blank	
612	Tynemouth	E 299	Attheya decora	6 <sup>12</sup> / <sub>00</sub>
			Druridgea geminata	
612			Fragil (aria) blank	
612	+ sands	301	Attheya decora	
			Navicula northumbrica	
			Druridgea geminata	
612	- -	300	Attheya decora	
			Druridgea geminata	

Cont. on 26

TRAY 2 TOP CONT.

		TRAY 1	MIDDLE, cont.
619	Tynemouth Sands	299	Attrinea decora One Slide missing
		TRAY 1	BOTTOM
625	Swansea Dock	4101	Synedra investiens ✓ 3921 Schizonema smithii
627	-ll-	167	Amphiprota duplex Donkin Amphora laevis
632	-ll-	3617	Schizonema ramosissimum ✓ 3656 parasitic on corallina p. m/s
633	Beeston Marsh, Ches.	3144	Pinnularia radiosa
633	-ll-	4567	Blank
633	-ll-	4605	Blank
634	-ll-	2741	Nitz(schia) Blank
639	Monterey Co. CA	4604	Blank
640	Heriton Sands	3243	Pleurosigma aestuarii
648	Cave, Skarerau Kincaid.	2102	Navicula elliptica ✓ 2528 N. parvula ✓ 2714 N. blank c̄ diagram
			Two Slides missing
		TRAY 2	TOP
651	Cave, Skarerau Kincaidine	2803	Odontidium mutabile
665	Claystone at Baldjik	E300	Campylo(discus) Blank Coceon(eis) Blank Grammatophora serpentina ✓ 641 Podo(sira) Blank ✓ 912
665	-ll-	2441	Denticula) Blank Podo(sira) Blank ✓ 923 Coceon(eis) Blank ✓ 811 Mastogloia) ? Blank ✓ 811 Campy(lodiscus) ? Blank
			Cont. on p 27

TRAY 2 TOP cont.

665	Claystone at Baldjik	2463	Navicula n-sp Blank Mastogloia Blank	
667	Lintel of Cottage in Kinross (?)	E 301	Navicula mutica Pinnularia borealis	
667	-ll-	2235	Navicula mutica Pinnularia borealis	
667	-ll-	2236	Navicula mutica	
685	California	309	Aulacodiscus oregonus	P845
703	Tannabnich	2465	Navicula Blank Achnanthis delicatulum P872 Gomphonema dichotomum P890	
706	Liverpool	3523	Schizonema crucigerum Melosira dubia	
707	-ll-	3517	Schizonema crucigerum Synedra arcus Melosira blank One Slide missing	
		TRAY 2	MIDDLE	13.12.00
759	thull deposit	4440	Blank (but see 759)	
759	-ll-	1604	Himantidium bidens P.765 H. undulatum " H. majus "	
			Eunotia incisa P.762 E Tetradon "	
794	Yarra Yarra deposit	1719	Hyalodiscus blank Campylodiscus cribrerosus V 6A1	
798	Glasgow Vict. Park	3903	Stauroneis exilis P.912 Nitzschia minutissima	
		E 304	Diadsmis peregrina P923 Cyclotella operculata P811	
798	-ll-	302E	Cyclotella rectangula P811 Diadsmis peregrina Nitzschia blank Condon P 28	

TRAY 2 MIDDLE CONT

798	Glasgow Vict. Tank	302E	Gomphonema naviculoides Stauroneis exilis	
798	-L	3904	Nitzschia minutissima N. tenuis	
798	-L	2698	Nitzschia minutissima N. tenuis	
830	Cottonham, Hull	2452	Stauroneis exilis	
853	Threlwall Br.	2050	Diadlesmis peregrina	
798	-L	3902	Stauroneis exilis Nitzschia minutissima N. tenuis	V1276
863	Longbridge, Warrack	3696	Diadlesmis peregrina	
798	-L	706	Cyclotella retangula Diadlesmis peregrina Nitzschia tenuis Gomphonema naviculoides Stauroneis exilis	P981 P980 P979
798	-L	E303	Diadlesmis peregrina Stauroneis exilis	
863	-L	3693	Nitzschia minutissima	
798	-L	474	Diadlesmis peregrina	
863	Harwich	TRAY 3 305E	Cyclotella blank Gomphonema naviculoides Nitzschia blank	
801	Parkend Quarry Saltcoats	2655	Nitzschia sigmoidea var. sig(moidea) brebissonii Pleurosigma lacustre	V3114 P919
		TRAY 2	BOTTOM	
801	Parkend Quarry Saltcoats	E304	Nitzschia sigmoidea var. Pleurosigma lacustre	
825	HOOK Buoy Humber	3672	Schizonema blank Colletonema neglectum Synedra arcus var.	P926

Cont. on 29

TRAY 2 BOTTOM cont.

825	Hook Buoy, Humser	3672	Melosira nummuloides cont.	
825	-  -	3683	Schizonema blank Collenorema neglectum Synedra arcus var. Melosira nummuloides	
830	Cotttingham, Hull	2458	Navicula blank	
853	Tnelwall Br.	2050	Navicula cryptocephala Nitzschia blank N. dubia var.	
863	Longbridge, Warwick	3696	Denticula sinuata	V1276
863	-  -	3699	Stauroneis acuta	
863	-  -	3699	Stauroneis acuta	
863	-  -	3697	Nitzschia sigmoidea Amphora minutissima	P881
863	-  -	3694	A. ovalis	P883
863	-  -	3693	Pleurosigma spenceri (see 4/3) Stauroneis acuta (in filaments) Stauroneis acuta Stauroneis acuta in filaments	P919
			Two Slides missing	
			TRAY 3 TOP	
863	Harwich	305E	Pleurosigma hippocampus	
cancel. b.p.R. (Tray 4)			P. angulatum	P918
			P. fasciola	P916
			Amphiprora elegans A. vitrea Cocconeidiscus blank Pleurosigma beltricum P. scalorum Triblionella acuminata	

Cont on p 31

TRAY 3 TOP MIDDLE CONT 10.1.2001

863	Longbridge	E305	Stauroneis acuta (fasci Amphora minutissima (parasitic) A. <i>ovalis</i> Nitzschia sigmoidea Pleur(ostigma) <b>Blank</b> ?
863	Longbridge	E306	Stauroneis acuta (in filament) Nitzschia sigmoidea Amphora minutissima A. <i>ovalis</i> Pleurosigma spenceri
900	Longbridge	E307	Stauroneis acuta Amphora <i>ovalis</i>
917	Antibes	1708	Homoeocladia vidovichii
917	Antibes	1701	Homoeocladia vidovichii
<del>End of Sequence (space 6 slides)</del>			
		TRAY 3	MIDDLE
190	HARWICH W.K.B.	S1	Amphiprora vitrea
4312	-L	51	Tryblionella acuminata
		E3	
917	Antibes (Roch-d'Vas-)	E308	Homocladia vidovichii
<del>End of Sequence (Space for 6 slides)</del>			
		TRAY 3	MIDDLE
S1	HARWICH W.K.B.	190	Amphiprora vitrea
S12	-L	4312	Tryblionella acuminata
S1	-L	E309	Amphiprora elegans A. <i>virrea</i> Coscinodiscus <b>blank</b> Pleurosigma balticum P. <i>scalprum</i> Tryblionella acuminata
Cont. on p31			

Cont. on p31

Cont. on p32

## TRAY 3 MIDDLE cont.

S1	Harwich	3278	Pleurosigma balticum Tryblionella acuminata Amphiprora vitrea Stauroneis salina
S1	-ll-	2359	Navicula punctulata Pleurosigma balticum
S2	-ll	3275	Pleurosigma balticum P. strigosum
S2	-ll	3389	Pleurosigma strigosum P. balticum
S2	-ll	E310	Pleurosigma balticum P. strigosum
S3	Elardon, Norfolk	732	Cymatopleura solea C. elliptica Campylodiscus spiralis
S3	Elardon, Norfolk	2043	Diatomaceae
S3	-ll	2041	Navicula cuspidata N. ambigua N. sphaerocephala N. amphistaena N. firma N. affinis N. binodes N. inflata Stauroneis linearis S. anceps S. gracilis Pinnularia n/sp Cymatopleura solea: C. elliptica Surirella craticula S. biseriata Amphora ovalis Campylodiscus spiralis

Cont. on p. 32



TRAY 3 MIDDLE cont.

S3	Elardon	2041	Cymbella ehrenbergii	
		cont.	C. affinis	
S4	Harwich	3302	Pleurosigma formosum	
			P. strigosum	
			P. balticum	
			P. speciosum	P.917
S8	R. Dec. Aberdeen	4120	Navicula jenneri	
TRAY 3			BOTTOM	17.1.01
S4	Harwich	2174	Navicula jenneri	
			Pleurosigma formosum	
S5		4122	P. balticum	
			P. strigosum	
S4	-L-	2381	Navicula jenneri	
			Pleurosigma formosum	V3732
S6	Harwich	3313	P. strigosum	
S6	-L-	3294	P. balticum	P.96
			P. scalprum	P.919
S4	-L-	3366	Pleurosigma scalprum	P.98
			P. balticum	
			P. strigosum	
S6	Harwich	312E	Pleurosigma formosum	
			Navicula jenneri	
S4	-L-	E311	Navicula convexa	
S7		3847	Navicula jenneri	
			Pleurosigma formosum	
S7		3952	P. strigosum	
			P. balticum	
S4	-L-	3367	Pleurosigma scalprum	
S7		3959	P. balticum	
			P. strigosum	
S7		3957	Navicula jenneri	
			Cont. op. p 33	

TRAY 3 BOTTOM cont.

54	Harwich	3306	Pleurosigma formosum P. strigosum P. balticum P. scalprum	
57	-	3958	Navicula jenneri Amphiproora alata	P921
55	R. Dee, Aberdeen	4120	Synedra minutissima S. acicularis green foornote Synedra minutissima S. gracilis	
55	-	4122	Synedra minutissima S. acicularis	
55	-	4121	Synedra minutissima S. pulchella	V3932
56	Harwich	3313	Pleurosigma hippocampus	
56	-	3294	Pleurosigma fasciola P. hippocampus	P916
510	Harwich	3353	P. angulatum	P918

One Slide missing

TRAY 4 TOP

56	Harwich	312E	Pleurosigma hippocampus P. angulatum P. fasciola	
57	-	2327	Navicula pygmaea Stauroneis salina	
57	-	3952	Stauroneis salina Navicula pygmaea (minutula Sm.)	
57	-	3959	Stauroneis salina Navicula pygmaea (minutula)	
57	-	3957	Stauroneis salina Navicula pygmaea Nitzschia sigma	

Cont. on p 34

## TRAY 4 TOP cont.

S7	Harwich	3957 cont.	Amphiprota alata	
S7	-ll-	3958	Stauroneis salina Navicula pygmaea	
S7	-ll-	3956	Stauroneis salina Navicula pygmaea	
S7	-ll-	E313	Navicula pygmaea Stauroneis salina Pleurosigma hippocampus P. angulatum Amphiprota alata	
S8	Harwich	4313	Tryblionella acuminata	
WKB	Norfolk	392	Campylodiscus costatus	
WKB	Elordon	3369	Pleurosigma spenceri P. attenuatum Navicula cuspidata N. serianis	
S10	Harwich	3353	Pleurosigma quadratum Sutirella gemma Amphiprota vitrea	
		TRAY 4	MIDDLE	
S10	Harwich	E314	Pleurosigma quadratum Navicula jenneri Sutirella gemma	
S11	Ormesby	4004	Synedra capitata Orthosira punctata Odontidium tabellaria	P7.8
S11	-ll-	2376	Navicula scutelloides N. bacillum Orthosira punctata Odontidium tabellaria Cont. on p. 35	

TRAY 4 MIDDLE cont.

S11	Ormesby	2891	Orthosira punctata Navicula scutelloides Triceratium exiguum Odontidium tabellaria	V1819
S11	-L	2811	Odontidium tabellaria O. mutabile Triceratium exiguum Orthosira punctata	V1820
S11	Ormesby	2187	Navicula laevissima? N. scutelloides	24.1.01
S11	-L	2188	Navicula laevissima N. scutelloides Orthosira punctata	
S11	-L	2831	Odontidium tabellaria Orthosira punctata Triceratium exiguum	
S11	-L	2890	Orthosira punctata Odontidium tabellaria Triceratium exiguum	
S11	-L	4292	Triceratium exiguum Odontidium tabellaria Navicula scutelloides	V1826
S11	Ormesby, Norfolk	14	Orthosira punctata	
S11	Ormesby, Norfolk	14	Achnanthes exilis Triceratium exiguum	
S11	-L	690	Odontidium tabellaria Orthosira punctata Synedra vaucheriae	
S11	-L	4049	Synedra fontinalis Triceratium exiguum Navicula scutelloides Odontidium tabellaria Fragilaria tenuicollis	V1822

TRAY 4 BOTTOM

S11	Ormesby	4290	Triceratum exiguum Cyclotella minutissima Navicula scutelloides Fragilaria tenuicollis	V1118 V1822
S11	-ll-	683	Cyclotella minutissima Triceratum exiguum Navicula scutelloides Fragilaria tenuicollis	
S11	-ll	E 315	Triceratum exiguum Odontidium tabellaria Navicula scutelloides Achnanthes exilis Synedra vaucheriae	
S11	-ll Broad	1445	Gomphonema cristatum (G. ehrenburg var.) Pinnularia undulata/viridula Triceratum exiguum Navicula scutelloides Cyclotella minutissima	
S11	Ormesby Broad	3219	Pinnularia viridula Gomphonema rostratum Cyclotella minutissima Triceratum exiguum Navicula scutelloides Fragilaria tenuicollis	V1946
S11	-ll	694	Cyclotella minutissima Gomphonema rostratum Pinnularia viridula Triceratum exiguum Navicula smithii Fragilaria tenuicollis	

Cont. on p. 37

## TRAY 4 BOTTOM cont.

S12	Harwich	2040	Navicula cuspidata N. amphibaena
S13	-L	3272	Pleurosigma balticum
S13	-L		P. strigosum
S13	-L	3274	Pleurosigma balticum P. strigosum
S13	-L	3389	Pleurosigma strigosum P. balticum
S13	-L	3386	Pleurosigma strigosum P. balticum
			One Slide missing
		TRAY 5	TOP
S13	Harwich	E 316	Amphiprora complexa Pleurosigma balticum P. strigosum
S14	Harwich	2161	Navicula jenneri N. convexa
S14	-L	4494	"Diatoms"
S14	-L	3385	Pleurosigma strigosum P. quadratum P. balticum
S14	-L	2307	Navicula jenneri: N. convexa Navicula pulcherrima Br. N. lynceus * but see V. 2749 & Small Tube mys
S14	-L	2014	Navicula convexa: N. jenneri Pleurosigma formosum P. speciosa P. strigosum Amphiprora
			Cont. on p. 38

TRAY 5 TOP cont.

31.1.01

S14	Harwich	237	Amphora membranacea Pleurosigma formosum P. speciosum	P.881
S14	Harwich	285	Amphiprora alata A. vitrea A. constricta	
S14	-L	3305	Pleurosigma formosum P. speciosum P. strigosum P. balticum Amphora membranacea Stauroneis salina Amphiprora vitrea	
S14	-L	3307	Pleurosigma formosum P. speciosum P. strigosum P. balticum Amphora membranacea	
S14	-L	3365	Pleurosigma speciosum P. strigosum P. formosum P. balticum Amphora membranacea Stauroneis salina Navicula convexa	P.914 P.916 P.918 P.915
S14	-L	3364	Pleurosigma speciosum P. strigosum P. formosum P. balticum Amphora membranacea	V.919 V.917 V.924 V.937
S14	-L	3352	Pleurosigma quadratum P. strigosum : P. formosum P. balticum : P. speciosum	P.918

cont. on P.39

TRAY 5 TOP cont.

S14	Harwich	3352 cont.	Navicula jenneri	
S14	Harwich	TRAY 5 235	MIDDLE Amphora membranacea & note Pleurosigma formosum P. speciosum P. strigosum P. balticum Stauroneis salina	
S14	-II-	E 317	Navicula convexa N. pygmaea N. jenneri Amphora membranacea Pleurosigma formosum P. speciosum P. balticum Stauroneis salina	
S15	Hull	E 318	Pleurosigma strictis P. hippocampus P. fasciola P. elongatum P. angulatum	P.919 P.916 P.918 P.918
S16	Florden	footnote also	Navicula parula (? CPR) Pinnularia peregrina Tryblionella gracilis	V3295 V4126
S16	Florden		T. punctata (? CPR) T. marginata T. acuminata Nitzschia dubia	V4128 V4127 V4124 V3037
S15	-II-	2302	Navicula parula : N. tumens N. amphibaena : N. punctulata Surirella gemma S. striarula	

Cont. on P. 40



## TRAY 5 MIDDLE cont.

S15	Hull	1049	Doryphora amphicerus Pinnularia peregrina P. cyprinus Pleurosigma strigilis P. elongatum	V3221
S15	Hull	3382	Pleurosigma strigilis P. hippocampus P. elongatum P. angulatum	7.2.2001
S15	th	4349	Tryblionella gracilis T. marginata T. punctata T. acuminata	
S15	th	3856	Surirella striatula S. gemma Pinnularia peregrina P. cyprinus	
S15	th	3287	Pleurosigma elongatum Pinnularia peregrina	
S16	Flordon	3192	Pinnularia tenella P. oblonga	
S16	Flordon	1930	Cymatopleura apiculata Navicula amphirhynchus Pinnularia mesolepta P. oblonga	
S16	Flordon	3908	Stauroneis gracilis S. anceps Pinnularia oblonga P. mesolepta Navicula amphirhynchus	
		TRAY 5	BOTTOM	
S16	Flordon	720	Cymatopleura apiculata C. solea	

TRAY 5 BOTTOM cont.

S16	Flordon	720	Pinnularia mesolepta
		cont.	P. fenella
S16	-L	3187	Pinnularia fenella
			P. globiceps
			P. oblonga
			Cymatopleura apiculata
			C. solea
S16	-L	3128	Pinnularia oblonga
			Navicula amphirhynchus
			Cymatopleura apiculata
			Stauroneis gracilis
S16	-L	3094	Pinnularia mesolepta
			P. oblonga
S16	-L	3010	Pinnularia globiceps
S16	-L Norfolk	3009	Pinnularia globiceps
			P. fenella
			P. oblonga
			P. mesolepta
			Pleurosigma attenuatum
			P. lacustre
			P. spenceri
S16	-L	3206	Pinnularia fenella
			P. oblonga
			P. mesolepta
			Pleurosigma attenuatum
			P. lacustre
			P. spenceri
S16	-L Norfolk	3360	Pleurosigma spenceri
			P. lacustre
			P. attenuatum
			Pinnularia fenella <small>one name undeciphered</small> <u>CFB</u>
			P. mesolepta
			P. oblonga:

Cont. on p 42

TRAY 5 BOTTOM cont.

S16	Flordon	720	Pinnularia mesolepta Pinnularia tenella
S16	-L	14 1/4	Cont. on Tray 36
		21 1/4	-  - 36
		28 1/4	-L " 39 Bottom
S16	-L	16 1/4	Cont on Tray 4 Cab N°2
S16	-L		ptz
S16	-L		ptz
S16	-L		ps
S16	-L Norfolk		ceps
S16	-L	3206	Pinnularia spenceri Pinnularia tenella Pinnularia oblonga Pinnularia mesolepta Pleurosigma attenuatum Pinnularia lacustre Pinnularia spenceri
S16	-L Norfolk	3360	Pleurosigma spenceri Pinnularia lacustre Pinnularia attenuatum Pinnularia tenella <i>one name</i> Pinnularia mesolepta <i>undeciphered</i> <i>CFB</i> Pinnularia oblonga

Cont. on p 42

TRAY 5 BOTTOM cont

S16	Florden Norfolk	E 319	Pinnularia globiceps P. fenella P. oblonga P. mesolepta Pleurosigma spenceri P. lacustre
S17	Felthorpe	3793	Suriella intermedia (overwritten) ✓ 3834 Navicula serians <i>Two slides missing</i>
			TRAY 6 TOP
S17	Felthorpe	2386 (faint)	Navicula serians Suriella (? coz) curvula
S17	-  -	3005	Pinnularia gibba Nitzschia curvula (see 2386) Navicula serians
S17	→ Norfolk	3003	Pinnularia gibba P. biceps Navicula serians N. rhomboides Nitzschia curvula
S17	→	2389	Navicula serians N. rhomboides Nitzschia curvula
S17	→	E 320	Pinnularia gibba P. biceps Nitzschia curvula Suriella intermedia Navicula serians N. rhomboides Pinnularia gibba P. biceps
		E 321	Amphiprora paludosa Nitzschia closterium: N. sigmoidea Cont. on p 43

## TRAY 6 TOP cont.

S18	HULL	1169	Epithemia westermanii Amphora salina
S18	-L	188	Amphiprora paludosa Amphora salina Syn <b>Blank</b>
S18	-L	4079	Synedra gracilis Epithemia westermanii Amphora salina
S18	-L	252	Amphora salina Surirella ovata
S18	-L	3993	Synedra affinis: S. pulchella: S. tabulata
S18	-L	3997	Synedra affinis, var. S. tabulata S. pulchella
		TRAY 6	<b>MIDDLE</b> 14.2.01
S18	HULL	1167	Epithemia westermanii Amphiprora paludosa Amphora salina
S18	HULL	265	Amphora salina Epithemia westermanii Amphiprora paludosa
S18	HULL	E322	Amphiprora paludosa Amphora salina Epithemia westermanii
S18	HULL	E323	Synedra tabulata S. affinis S. pulchella
S19	Hunters Bog, Edin	E324	Navicula producta N. ovalis Campylodiscus costatus Nitzschia sigmoidea Gomphonema ins.

cont. p. 44

TRAY 6 MIDDLE cont.

S19	Hunters Bog Edin	397	Campylodiscus costatus B C. spiralis
S19	-L	396	Campylodiscus costatus Amphora ovalis Nitzschia sigma
S20	Duddingston Loch	1489	Gomphonema insigne Pinnularia oblonga P. acuta
S20	-L	1491	Gomphonema insigne Pinnularia digitus
S20	-L	1494	Stauroneis <b>Blank</b> Gomphonema insigne Navicula latissima V2632 N. semen
S20	-L	2912	Pinnularia acuta P. oblonga P. gracilis P. digito-radiata Navicula semen N. ambigua
S20	-L	3212	Stauroneis gracilis Navicula limosa N. semen
TRAY 6 <b>BOTTOM</b>			
S20	Duddingston	3130	Pinnularia oblonga P. digito-radiata Gomphonema insigne Cyclotella <b>Blank</b>
S20	-L	692	Cyclotella minutula Pinnularia digito-radiata P. oblonga P. gracilis Gomphonema insigne

Cont. on 45

TRAY 6 BOTTOM cont.

S 20	Juddington	2380	Cyclotella minutissima Pinnularia digito-radiata P. oblonga P. gracilis Gomphonema insigne
S 20	-	2071	Navicula dicephala N. decipiens N. rhynchocephala Gomphonema insigne Denticula decipiens
S 20	-	2062	Navicula decipiens N. dicephala N. rhynchocephala Gomphonema insigne Denticula decipiens
S 20	-	2427	Navicula (Pinnularia) varians several forms Pinnularia digito-radiata Navicula semen N. dicephala
S 20	-	2973	Pinnularia digito-radiata (P. eincra Ehr.)
S 20	-	2972	Pinnularia digito-radiata P. radiosa P. oblonga Cyclotella minutula Gomphonema insigne
S 20	-	2971	Pinnularia digito-radiata (= eincra Ehr.) P. oblonga Stauroneis gracilis

V 1271  
? V 2504

Cont. on 46

TRAY 6 **BOTTOM** - cont

S20	Duddingston	687	Cyclotella minutula Pinnularia digiro-radiata P. oblonga P. gracilis P. varians W.G. = Navicula semen
		2165	Navicula semen fide W.G. = N (P) varians Gomphonema blank
S20	-L	4500	<b>Blank</b>
			TRAY 7 <b>TOP</b> <span style="float: right;">21.2.01</span>
S20	Duddingston w-drain	E325	Denticula decipiens Navicula dicephala N. rhychocephala N. decipiens Gomphonema insigne
S21	-L Loch	E326	Meridion constrictum Achnantheridium lanceolatum
S21	-L	3906	Stauroneis gracilis S. anceps
S21	-L	3702	Stauroneis anceps S. gracilis
S21	-L	77	Achnantheridium lanceolatum Stauroneis gracilis S. anceps
S21	-L	3915	Stauroneis gracilis S. anceps
S21	-L	3208	Pinnularia viridis P. nobilis P. acuminata Stauroneis anceps
		a long footnote	

cont. on p 47



TRAY 7 TOP CONT

S21	Duddingston Loch east end	E 327 2 footnote	Pinnularia viridis + viridis? Stauroneis anceps	
S21	-	E 328	Stauroneis anceps S. gracilis	
S22	Hunterston Point Ayrshire	E 329	Odontidium mesodon Fragilaria virescens Melosira varians	P775 P777 P817
S22	-	1320 footnote	Fragilaria virescens Odontidium mesodon: O. mutabile	
S22	-	1319	Fragilaria capucina Odontidium mesodon Melosira varians	
			TRAY 7 MIDDLE	
S23	Aberdeen, pools	3663	Schizoneima blank	
S24	- R. Dee (sea)	E 330	Schizoneima blank	
S24	-	3674	Schizoneima blank	
S25	Isle of Wight	E 331	Cocconeis grevillii C. binotata	V 769
S25	-	473	Cocconeis grevillii C. binotata	
S25	-	458	Cocconeis binotata C. grevillii	
S25	-	454	Cocconeis binotata C. grevillii	
S25	-	457	Cocconeis binotata C. grevillii	
S26	Neyland	330	Berkeleya fragilis	P.926
S26	-	332	Berkeleya fragilis	
S26	-	325	Berkeleya fragilis	
S26	-	329	Berkeleya fragilis	
			Cont. on p. 48	

Cont. on 49

## TRAY 7 BOTTOM

S27	New York Greenport	E332	Podocystis americana Rhabdonema adriaticum Biddulphia pulchella Grammatophora subtilissima	V3408 P804 P848 P809
S27	New York Westport	3401	Podocystis americana Rhabdonema adriaticum Grammatophora subtilissima	
S27	New York	3402	Podocystis americana	
S28	Torbay	1743	Licmophora splendida = flabellata	P771
S29	R. Shannon Athlone	E333	Diatoma grande	P779
S29	-	1008	Diatoma grande	
S30	Hunters Bog	2824	Odontidium parasiticum Amphora minutissima	P881
S30	-	2828	Odontidium parasiticum Amphora minutissima	
S30	-	245	Amphora minutissima	
S30	+	242	Amphora minutissima Odontidium parasiticum on Nityschia sigmoidea	
			Two slides missing	

## TRAY 8 TOP

28.2.01

S31	Hes(s)le, Hull	3276	Pleurosigma balticum Y	
(?) S32	-	3273	Pleurosigma balticum Y	
S32	Granton Quarry	2979	Pinnularia directa	
S32	-	E334	Pinnularia directa P acuta	
S33	-	E335	Gomphonema marinum Pinnularia directa Asterionella formosa Pleurosigma angulare	P779 P918
S33	-	1500	Gomphonemum marinum Pinnularia directa Asterionella formosa	

Cont. on 49

TRAY 8 TOP cont.

S33	Granton Quarry	1500	Pleurosigma angulatum
		cont.	
S33	-L	3261	Pleurosigma angulatum
			Pinnularia directa
			Synedra investiens
			Asterionella formosa
			Gomphonema marinum
S33	-L	4099	Synedra investiens
			Gomphonema marinum
			Pinnularia directa
			Aster (blank)
S33	-L	4100	Synedra investiens
			Pleurosigma angulatum
			Pinnularia directa
			Gomphonema marinum
S33	-L	289	Asterionella formosa
			Amphiprota constricta
			Pinnularia directa
			Gomphonema marinum
S33	-L	286	Asterionella formosa
			Pinnularia directa
			Pleurosigma angulatum
			Gomphonema marinum
S33	-L	E336	Pinnularia directa
			Pleurosigma angulatum
			Synedra investiens
			Asterionella formosa
			Schizonema crucigerum
			S comoides

TRAY 8 MIDDLE

S34	Granton Quarry	3045	Pinnularia johnsoni B = directa
S35	-L	254	Amphora salina
S35	-L	258	Amphora salina

Cont. on 50

TRAY 8 MIDDLE cont.

S35	Granton Quarry	E337	Amphora salina
S36	-L	256	Amphora salina
S37	-L	260	Amphora salina
S37	-L	261	Amphora salina
S37	-L	171	Amphiprota <b>BLANK</b> Amphora salina
S38	-L	1847	Melosira nummuloides
S38	-L	E338	Melosira nummuloides
S39	Derbyshire	E339	Navicula amphisbaena N. producta
S39	-L	2298	N. producta N. amphisbaena

TRAY 8 BOTTOM

S39	Walton Lodge Derbyshire	751	Cymbella amphicephala C. ventricosa Pinnularia gracilis P. mesolepta Nav. <b>blank</b> Pleurosigma spenceri of Europe
S39	-L	3016	Pinnularia gracilis Navicula cuspidata N. affinis N. rhynchocephala Surirella pinnata Pleurosigma spenceri
S39	-L	E340	Navicula cuspidata N. affinis N. amphicephala N. producta N. rhynchocephala N. amphisbaena Surirella gracilis

Cont. on 51

Cont. on 52

TRAY 8 BOTTOM cont.

S39	Walton Lodge, Derbyshire	E 341	Navicula producta amphirhynchus affinis amphisbaena binodes Cymbella cuspidata C. affinis
S39	-  -	E 342	Surirella minuta S. pinnata Navicula rhynchocephala Cymbella cuspidata C. solea
S39	-  -	4550	Blank
S40	Gourock	E 343	Navicula amphirhynchus N. gibberula
S40	-  -	2116	Navicula firma N. gibberula N. amphirhynchus N. affinis N. tumidula
S41	Granton Quarry	110	Amphi-pleura danica
S42	Loch Leven	3894	Stauroneis dilatata Pinnularia tenella NOT in VAN. Gomphonema sarcoptagus
S42	-  -	2892	Orthosira punctata Cyclotella rotula
S41	Granton Quarry	169	Amphiproxa Blank Amphi-pleura danica Pinnularia directa
S42	L	TRAY 9	TOP 7.3.01
S42	Loch Leven	1523	Gomphonema olivaceum Stauroneis dilatata P911 Cymbella ventricosa

Cont. on 52

TRAY 9 TOP Cont.

S42	Loch Leven	3895	Stauroneis dilatata Ornithosira punctata Cyclotella rotula
S42	-L	2119	Navicula foliis N. lacustris plus var. of Navicula gibberula
S42	-L	3722	Surirella angusta Navicula lacustris Stauroneis obliqua Cymbella maculata
S42	-L	3215	Pinnularia viridula Navicula sp.
S42	-L	E344	Cymatopleura hibernica Stauroneis dilatata S. punctata S. obliqua
S42	-L	3924	Navicula lacustris
S42	-L	2169	Navicula lacustris N. lepida Gomphonema sarcophagus Cyclotella rotula Stauroneis obliqua
S42	-L	4209	Synedra vaucherae S. fasciculata S. tenera
S42	-L	712	Navicula lacustris
S42	-L	2179	Navicula lacustris Gomphonema sarcophagus Cyclotella rotula
S42	-L	2178	Navicula lacustris Synedra vaucherae S. fasciculata S. tenera

P787

cont. on 53

TRAY 9 TOP CONT.

S42	S Loch Leven	2178	Stauroneis obliqua cont S dilatata
S43		<sup>6</sup> footnote	/
S42	-L	1527	Gomphonema sarcophagus Navicula lacustris
S43		4615	Cyclotella rotula
S42	-L	3000	Pinnularia exigua Gr. ? (var P. murabilis)
S43		3190	Navicula bacillaris <span style="float: right;">√2424</span>
			N. lepida
			Stauroneis dilatata
TRAY 9 MIDDLE			
S42	Loch Leven	708	Cyclotella rotula " " common form
			Navicula lacustris
			Gomphonema sarcophagus
S42	-L	3924	Stauroneis obliqua
S44	Exmouth (Miss Cutler)	E346	Navicula lacustris
			Gomphonema sarcophagus
S44		3652	Cyclotella rotula
S42	-L	2291	Navicula lepida α B
S45		<sup>6</sup> footnote	Cocconeis thwaitesii
S43	-L	3973	Stauroneis blank
S45		E347	Navicula lacustris
S46	Stidmouth (Miss Cutler)	E349	N. gibberula
S43	-L	712	Cyclotella rotula
S43	Loch Leven	2130	Navicula gibberula Stauroneis obliqua
S46		3626	Cymbella ehrenbergii
S47	Granton Quarry	160	Cyclotella rotula
S43	-L	1528	Gomphonema sarcophagus Cyclotella rotula

Cont. on 54

TRAY 9 MIDDLE cont

S43	Loch Leven	782	Cymbella ehrenbergii Navicula firma
S43	-	553	Cocconeoma (cornutum <i>fair</i> ) C. lanceolarum var) Cyclotella rotula
S43	-	4515	BLANK
S43	-	713	Cyclotella rotula etc
S43	-	3190	Pinnularia fenella P. nodosa Navicula lacustris

TRAY 9 BOTTOM

S43	Loch Leven	3923	Stauroneis obliqua Navicula lacustris
S43	-	E345	Stauroneis obliqua Navicula lacustris N. lepida Cyclotella rotula
S44	Esomouth (Miss Cutler)	E346	Schizonema torquatum (frustules of 431)
S44	-	3652	Schizonema torquatum
S45	-	3645	Schizonema smithii
S45	-	3601	Schizonema molle
S45	-	3603	Schizonema molle
S45	-	E347	Schizonema molle
S46	Sidmouth Miss Cutler	E348	Schizonema smithii
S46	-	3653	Schizonema "torquatum" smithii frustules Nitzschia lanceolarum
S46	-	3626	Schizonema smithii
S4728	Granton Quarry	160	Amphiprotia constricta E & S.V.



TRAY 10 TOP

14.3.01

S47	Granton Quarry	158	Amphiprora constricta F.V. burnt
S47	-  -	163	Amphiprora constricta F.V
S47	-  -	156	Amphiprora constricta crude Nitzschia bilobata
S47	-  -	E349	Nitzschia bilobata
S48			Amphiprora constricta crude
S50	Granton Quarry	E350	Pinnularia directa P. johnsonii P. cyprinus Nitzschia bilobata N. sigma
S48	-  -	3047	Amphiprora constricta Pinnularia johnsonii P. directa P. cyprinus Nitzschia bilobata N. sigma
S48	-  -	161	Amphiprora constricta Nitzschia bilobata
S49	Granton Pools n. sea	4626	Schizonema smithii (per m/s notes)
S49	-  -	3607	Schizonema smithii
S50	Granton Quarry	3786	Surirella fastuosa Nitzschia sigma
			Schizonema crux. p3647 VAN. gives 'crucigerum' Wm Smith 1856 but NO 'crux' in m/s notes
S50	-  -	2630	Nitzschia sigma Surirella fastuosa Schizonema crucigerum Achnanthes subsessilis Pinnularia directa
			Contin 56

TRAY 10 TOP cont

S50	Granton Quarry	3521	Schizonema crucigerum Achnanthes subsessilis Surirella fastuosa Nitzschia sigma Pinnularia directa
		TRAY 10	MIDDLE
S50	Granton Quarry	52	Achnanthes subsessilis Schizonema crucigerum Surirella fastuosa Nitzschia sigma Pinnularia directa
S50	-L	E 351	Schizonema crucigerum Achnanthes subsessilis Suriella fastuosa Nitzschia sigma Pinnularia directa
S51	Hornby Fountain, Wray	1001	Diatoma elongatum
S52	Woolwich	666	Cyclotella dallasiana <i>2 poor note</i> Pleurosigma hippocampus
S53	Cumbrae	501	Cocconeis scutellum
S53	-L	1734	Licmophora splendida <i>V 2122</i> <i>upside down</i> L. flabellata <i>V 2109</i>
S54	Fifehire (Kinghorn)	544	Cocconema cymbiforme
S55	Woolwich	3309	Pleurosigma hippocampus
S56	-L	352E	Pleurosigma hippocampus Nitzschia taenia
S57	Ulverston	1317	Fragilaria capucina
S57	-L	E 353	Fragilaria capucina var
	<u>Omitted from Above</u>		
S52	Woolwich	669	Cyclotella dallasiana -L (small) <i>(V 969)</i> = Coscinodiscus striatus Pleurosigma hippocampus

TRAY 10 BOTTOM

S58	Fell End		4196	Synedra ulna Odontidium mesodon P775 Fragilaria virescens P777 Himantidium majus P766
S58	-L		1628	Himantidium majus H. pectinze (small) P765 Odontidium mesodon
S58	-L		2779	Synedra ulna P788 Odontidium mesodon
S58	-L		1383	Fragillare virescens Odontidium mesodon
S58	-L		E354	Odontidium mesodon Fragilaria virescens var.
S59	Pentlands	↓ ↑	816	Cymbella obtusa Mastogloia grevillii Asterionella roperii V322
S59	-L		1259	Eunotia uncinata V1619 Aster. (blank)
S59	-L	21.3.61	1998	Navicula cerviculata Grev. instr. a footnote Epithemia rupestris V1458 Denticula sinuata V1277
S59	-L		813	Cymbella obtusa Mastogloia grevillii Asterionella roperii
S59	-L		1143	Epithemia rupestris a footnote E. gibbo Denticula sinuata Navicula cerviculata Grev. instr.

TWO SLIDES MISSING

cont. on 59

TRAY 11 TOP

559	Pentlands	292	Asterionella roperii Navicula angustata Mastogloia grevillii Cocconeis thwaitesii
559	-	928	Denticula sinuata Epithemia gibba
559	-	677	Cyclotella minutula Asterionella formosa Navicula angustata var. Mastogloia grevillii Epithemia rupestris Denticula sinuata Pinnularia hemiptera Cocconeis thwaitesii
559	-	E355	Navicula angusta var. or cerviculata Grev. Asterionella formosa Cyclotella minutula Mastogloia grevillii Epithemia rupestris Denticula sinuata
360	Tantallon (burn, near)	3767	Surirella crumena
360	-	E356	Surirella crumena
361	Granton Quarry	3567	Schizonema grevillii
361	Granton Quarry	E357	Schizonema grevillii S. crucigerum Nitzschia sigma Pinnularia directa
361	-	3526	Schizonema grevillii S. crucigerum Nitzschia sigma Pinnularia directa

footnote

cont. on 59

TRAY 11 TOP cont.

S61	Granton Quarry	2629	Schizonema crucigerum S. grevillii Pinnularia directa Nitzschia sigma
S61	Pentland Hills	3568 E368	Schizonema grevillii Cymbella maculata Sm. Cocconema cymbiforme P. 878
TRAY 11 MIDDLE			
S62	Pentland Hills	803	Cymbella maculata Cocconema cymbiforme each of S61, S62 in TEST SLIDES box
S63	Cumbræ	1802	Melosira borneri
S64	Granton Quarry	3567	Schizonema coactum Grev.
S67	Hamilton	757	Cymbella arcus W.G. Pinnularia linearis Epithemia furgida E. zebra var. Nitzschia amphioxys
S67	-ll-	1155	Epithemia furgida E. zebra E. ventricosa P759 E. ocellata P760
S67	-ll-	2514	Nitzschia amphioxys, large Pinnularia linearis Cymbella arcus W.G. Epithemia furgida E. zebra var.
S67	-ll-	E359	Epithemia furgida E. zebra var. Nitzschia amphioxys var Navicula in pencil, faint tenella Diadesmis Blank

cont on 61

TRAY 11 MIDDLE cont

S 68	Caroline Pk. (Gorran)	E 360	Surirella minuta Gomphonema olivaceum
S 68	-H	3806	Surirella minuta Gomphonema olivaceum
S 68	-H	1520	Gomphonema olivaceum Surirella minuta
TRAY 11 BOTTOM			
S 69	Lasswade	81	Achnanthydium lineare
S 70	Hampstead	2117	Navicula firma Pinnularia viridis Surirella biseriata P774
S 70	-H	3736	Surirella biseriata
S 70	-H nr. London	2995	Pinnularia x gibba var. P. tabellaria P. hemiptera Navicula firma P719
S 70	Hampstead	4549	Diatoms
S 71	Woolwich	319	Bacillaria paradoxa P717 Diatoma elongatum P779 D. vulgare P778
S 71	-H	998	Diatoma elongatum D. vulgare
S 71	-H	1000	Bacillaria paradoxa Diatoma elongatum Bacillaria paradoxa
S 71	-H	3018	Pinnularia gracilis Diatoma elongatum D. vulgare Bacillaria paradoxa
S 71	-H	E 361	Diatoma elongatum D. vulgare Bacillaria paradoxa Pinnularia gracilis

cont. on 61 on 62

TRAY 11 BOTTOM

S72	Pentlands	E362	Odontidium glaciale	V3153
			One Slide missing	

TRAY 12 TOP 4.4.01

S72	Pentlands	2753	Odontidium glaciale	
S74	Hull	4317	Tryblionella apiculata W.G.	
			T. gracilis W	
			Pleurosigma faciola	
S74	Hull	4316	Tryblionella apiculata W.G.	
			T. levidensis	P.793
			Nitzschia sigma	
S75	Woolwich	2491	Nitzschia acicularis	V3002
			Pleurosigma hippocampus	
S75	-L	2490	Nitzschia acicularis	
			Navicula pygmaea	
			Pleurosigma hippocampus	
			P. strigilis	P919
S75	-L	3383	Pleurosigma strigilis	
			P. balticum	P917
			P. hippocampus	
			Navicula ambigua	
			N. pygmaea	
			Tryblionella gracilis	
S75	-L	2331	Navicula pygmaea	
			N. ambigua	
			Pleurosigma strigilis	
			P. hippocampus	
			P. balticum	
			Tryblionella gracilis	
S75	-L	E362	Navicula ambigua	
			N. pygmaea	
			Pleurosigma strigilis	
			P. hippocampus	
			Tryblionella gracilis	

TRAY 12 TOP cont.

S76	Hampstead	3735	Surirella biserata S. splendida Navicula firma
S76	-ll-	2111	Navicula firma
S78	Bohemia	2415	Surirella splendida Pinnularia nobilis
S79	Taignmouth	2118	Navicula firma Surirella biserata
S81	Tilbury Fort	E364	Pinnularia nobilis
S76	-ll-	3774	Surirella elegans S. splendida S. biserata Navicula firma

TRAY 12 MIDDLE

S76	Hampstead	3846	Surirella splendida S. elegans S. biserata Navicula firma
S76	-ll-	E363	Surirella elegans S. splendida S. biserata Navicula firma
S77	Lasswade	2489	Nitzschia acicularis
S77	-ll-	2483	Nitzschia acicularis Stauroneis gracilis
S77	-ll-	1916	Navicula affinis N. amphirhynchus
S77	-ll-	3209	Pinnularia viridis var.? Navicula affinis Cymbella maculata C. amphicephala

Cont. on 63



## TRAY 12 MIDDLE cent

577	Lasswade	867	<i>Cymbella ventricosa</i>	P.877
			<i>C. amphicephala</i>	
			<i>Navicula affinis</i>	
			<i>Pinnularia viridis</i> ?	
578	Bohemia	2415	<i>Navicula tumens</i>	
			<i>Campylodiscus chypeus</i>	
579	Teignmouth	1570	<i>Grammatophora marina</i>	P.808
580		a footnote	<i>Rhabdonema arcuatum</i>	P.804
581	Tilbury Fort	E364	<i>Nitzschia sigma</i>	
581			<i>Amphiprora alata</i>	
			<i>Tryblionella acuminata</i>	P.792
581	-ll-	4315	<i>Tryblionella acuminata</i>	
			<i>Amphiprora alata</i>	
			<i>Nitzschia sigma</i>	
581	-ll-	147	<i>Amphiprora alata</i>	
			<i>Nitzschia sigma</i>	
			<i>Tryblionella acuminata</i>	
			<i>Doryphora amphiceros</i>	V1413
		TRAY 12	BOTTOM	
582	TILBURY FORT	262	<i>Amphora salina</i> (? tenera)	
	Sr. Helier, Jersey	1722	<i>Isthmia enervis</i>	
586	Pow mouth Prestwick	3036	<i>Pinnularia integra</i>	
			<i>R. viridis</i>	
586	-ll-	E365	<i>Pinnularia integra</i>	
			<i>P. viridis</i>	
587	Yarmouth	2093	<i>Navicula elegans</i>	
			<i>Pinnularia peregrina</i>	
587	-ll-	2092	<i>Navicula elegans</i>	
			<i>N. cryptocephala</i>	V3799
			<i>Pinnularia peregrina</i>	V4127
588	-ll-	148	<i>Amphiprora alata</i>	
			<i>Surirella striatula</i>	
			<i>Navicula elegans</i>	

TRAY 12 BOTTOM cont.

S 88	Yarmouth	148	Pleurosigma hippocampus cont. /
S 88	-L	E366	Navicula westii N. elegans Tryblionella punctata Surirella striatula Amphiproora alata
S 88	-L	403	Campylodiscus cribrösus ✓ 641 Surirella striatula
S 88	-L	2962	Pinnularia cyprinus Navicula punctulata Tryblionella punctata Surirella striatula
S 88	-L	2316	Navicula punctulata N. westii N. amphibaena N. elegans Surirella striatula Tryblionella punctata
S 88	-L	3210	Pleurosigma hippocampus P. angulatum P. elongatum Tryblionella punctata Surirella striatula
TRAY 13			TOP
S 89	Breydon Norfolk	1281	Eupodiscus radiatus Surirella constricta S. gemma S. arcata W.S ✓ 3799 Tryblionella marginata ✓ 4127
S 89	-L	1280	Eupodiscus radiatus Biddulphia rhombus Surirella arcata: S. gemma cont. on 65

## TRAT 13 TOP cont.

589	Breydon	2074	Navicula didyma Surirella arcuata Tryblionella marginata Orthosira marina	V 2512
589	-L	370	Biddulphia rhombus Campylodiscus cribrosus Surirella arcuata Actinoprychus undulatus	
589	-L	373	Biddulphia rhombus Campylodiscus cribrosus Actinoprychus undulatus Surirella arcuata	
589	-L	401	Campylodiscus cribrosus Tryblionella scutellum T. marginata Surirella arcuata S. constricta Actinoprychus undulatus	
589	-L	108	Actinoprychus undulatus Navicula ovalis Tryblionella marginata T. punctata Surirella arcuata Orthosira marina	
589	-L	4381	Tryblionella scutellum	
589	-L	4498	from R. Wigham	
589	-L	361	Biddulphia granulata B. rhombus Surirella arcuata Cyclotella punctata	
589	-L	376	Biddulphia blank Cyclotella punctata	

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