

Appendix 3

Fowey Harbour Information - Pollution Report forms

FORM: O.4A**INTERNAL REPORT FORM****FOWEY HARBOUR COMMISSIONERS****POLLUTION INCIDENT REPORT****DATE REF:****Report No. Ref:**

DATE:	TIME	REPORTED BY:	
NAME OF CRAFT / PARTIES INVOLVED:		TYPE OF CRAFT:	
TYPES OF POLLUTION:			
POSITION OF INCIDENT:			
WITNESSES:			
MET CONDITIONS	H.W.	WIND	SEA
VISIBILITY	L.W.		
INCIDENT REPORT:			
<i>(overleaf continuation)</i>			
ACTION BY F.H.C.:			
OTHER PARTIES INVOLVED:			
EMERGENCY SERVICES INVOLVED:			
SIGNED:	POSITION:	DATE:	

FORM: O.4C**FOWEY HARBOUR COMMISSIONERS**

Harbour Office

Albert Quay

Fowey

Cornwall, PL23 1AJ

Telephone: 01726 832471/2

Fax: 01726 833738

Email: fhc@foweyharbour.co.uk

**DATE REF:****Report No. Ref:****POLLUTION INCIDENT FINAL REPORT**

Date:	Time of Incident:	
Location of incident (See additional Map):		
Latitude:		
Longitude:		
Weather Conditions:		
Tide: HW	Wind Direction and Strength:	
LW	Sea State:	
Type of Pollution (Oil, Crude, Diesel, Chemicals, etc.):		
Appearance (liquid, floating solid, tarry lumps, semi liquid sludge, weathered oil, etc.):		
Extent of Pollution (litres/barrels/tonnes):		
Size of polluted area:		
Source & Cause of Pollution:		
Incident Details :		
(Continue on supplementary sheet & attach)		
Remedial Action Taken by FHC:		
Action taken by other organisations (if applicable):		
Other Parties Informed:		
Any follow up to incident (oil sample analysis, photographic analysis, prosecutions, etc.)		
Signed:	Position:	Date:

FORM: 0.4C
POLLUTION INCIDENT FINAL REPORT
- SUPPLEMENTARY SHEET



DATE REF:

Report No. Ref:

FORM 0.4D**FOWEY HARBOUR COMMISSIONERS**

Harbour Office
Albert Quay
Fowey
Cornwall
PL23 1AJ

Telephone: 01726 832471/2
Fax: 01726 833738
Email: FHC@foweyharbour.co.uk

**DATE REF:****Report No. Ref:****POLLUTION INCIDENT FINAL SUMMARY SHEET**

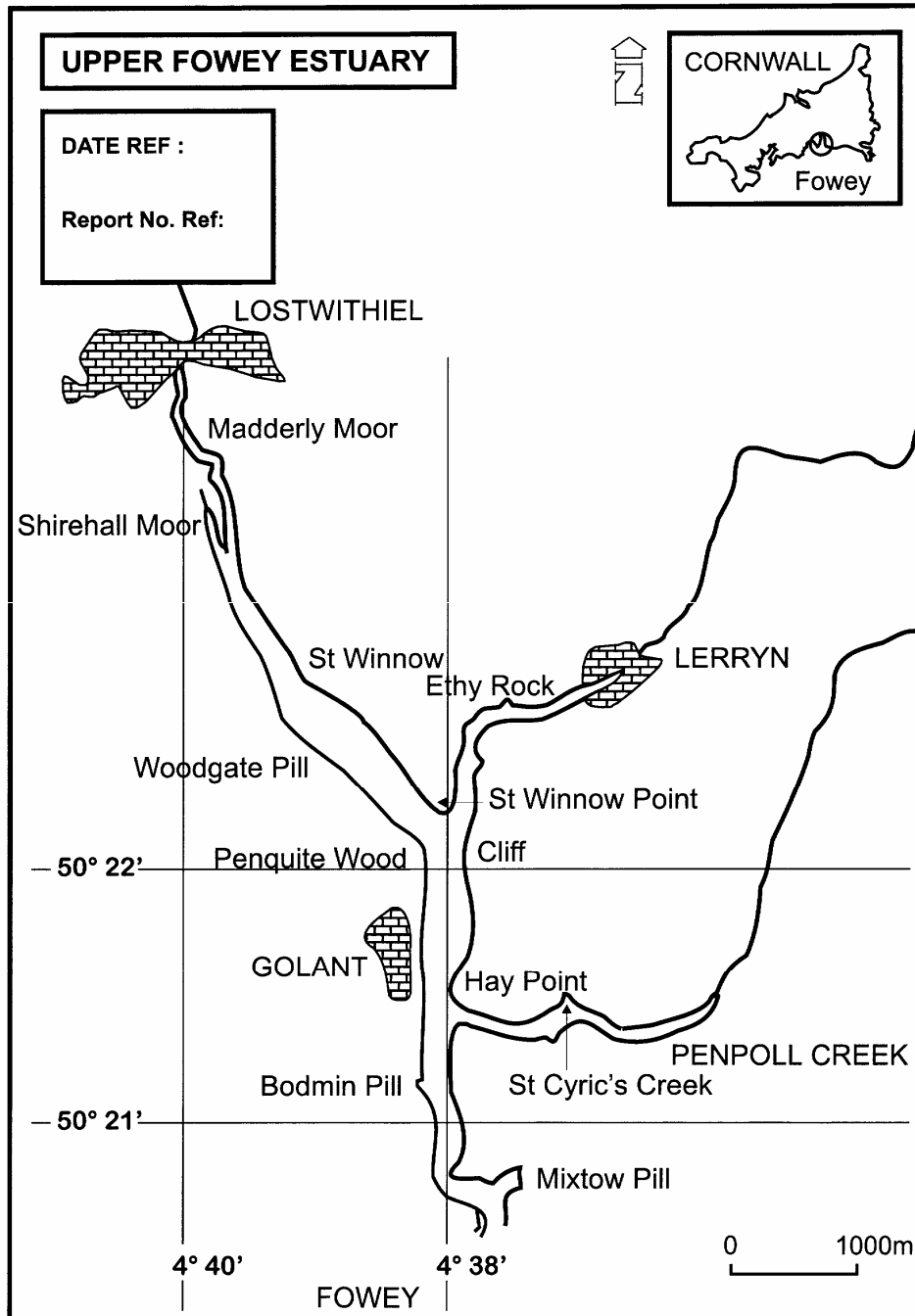
<u>DATE OF INCIDENT:</u>
<u>LOCATION OF INCIDENT & BRIEF SUMMARY:</u>
<u>REPORTS MADE BY FHC:</u> 0.4A
0.4B
0.4C
<u>WHO WAS INFORMED BY FHC:</u>
<u>REPORTS RELATING TO THIS INCIDENT RECEIVED FROM:</u>

TO BE ATTACHED AT THE FRONT OF COMPLETED INCIDENT REPORTS

FOWEY HARBOUR COMMISSION

HARBOUR OFFICE ALBERT QUAY FOWEY PL23 1AJ

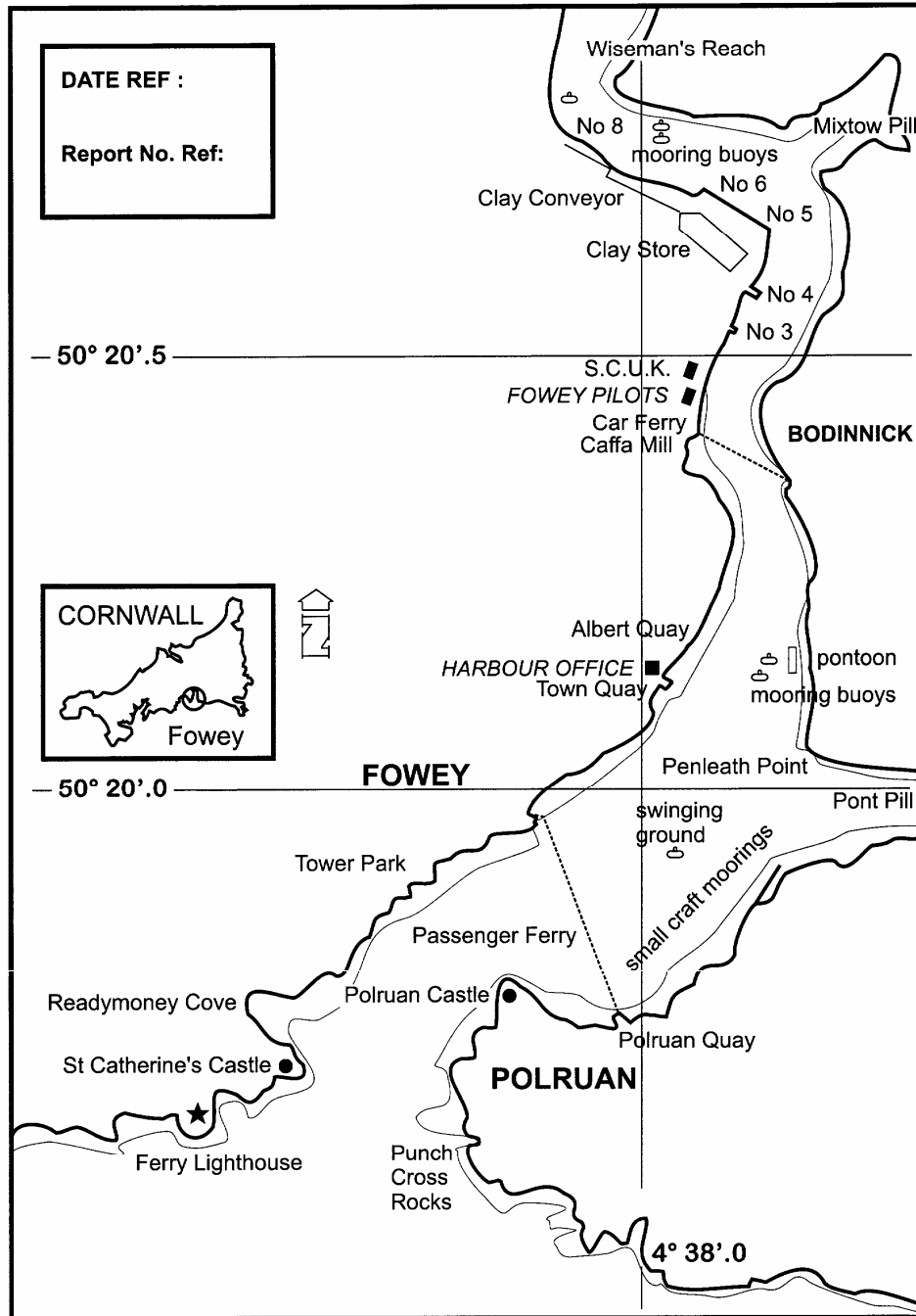
Tel : 01726 832471 Fax : 01726 833738



FOWEY HARBOUR COMMISSION

HARBOUR OFFICE ALBERT QUAY FOWEY PL23 1AJ

Tel : 01726 832471 Fax : 01726 833738



Appendix 4**CG77 POLREP Pollution Report Form**

To MCA – MRSC - Brixham

Copy to Agencies as required

From Fowey Harbour Commissioners

Part 1 – Information which should be provided in an initial pollution report	
A. Classification of Report:	(i) doubtful (ii) probable (iii) confirmed (Delete as necessary)
B. Date: _____ Time: _____ pollution observed	Identity of Observer/Reporter: _____
C. Position of Pollution _____	(by latitude and longitude if possible, state range and bearing from some prominent landmark)
Extent of Pollution _____ litres/barrels/tonnes	Size of polluted area _____ from _____ (from where sighted)
D. Wind Speed: _____ knots; Direction from: _____	Tidal status at time pollution observed: _____ after/before HW/LW
E. Weather Conditions and sea state:	_____ sea state/ wave height _____ metres
F. Characteristics of Pollution:	Type: _____ (e.g. oil, crude, diesel: packaged or bulk chemicals UN Number if known, garbage)
	Appearance: _____ (e.g.: liquids, floating solid, liquid oil, semi-liquid sludge: tarry lumps; weathered oil, discoloration of sea; visible vapour; etc.)
G. Source of Pollution: _____	(from vessel or other undertaking)
	Cause of Pollution: _____ _____ (apparent deliberate discharge or casualty. If the latter give a brief description. Where possible name, type, size, nationality and Port of Registry of polluting vessel. If vessel underway give course speed and destination if known)

H.	Details of other vessels in the area: _____	
	(to be given if the polluter cannot be identified and the spill is considered to be of recent origin)	
J.	Photographs taken	Yes / No
	Sample taken for analysis	Yes / No
K.	Remedial action taken, or intended, to deal with spillage: _____	

L.	Forecast of likely effect of pollution: _____	
	(e.g. arrival on coastline, with estimated timing)	
M.	Names of those informed and other than addresses:	

N.	Any Other relevant information: _____	

	(e.g. names of other witnesses, references to other instances of pollution pointing to source)	
Part 2 – Supplementary information to be provided later (this part may be disregarded when POLREPS are for UK internal distribution only)		
O.	Results of sample analysis _____	

P.	Results of photographic analysis _____	

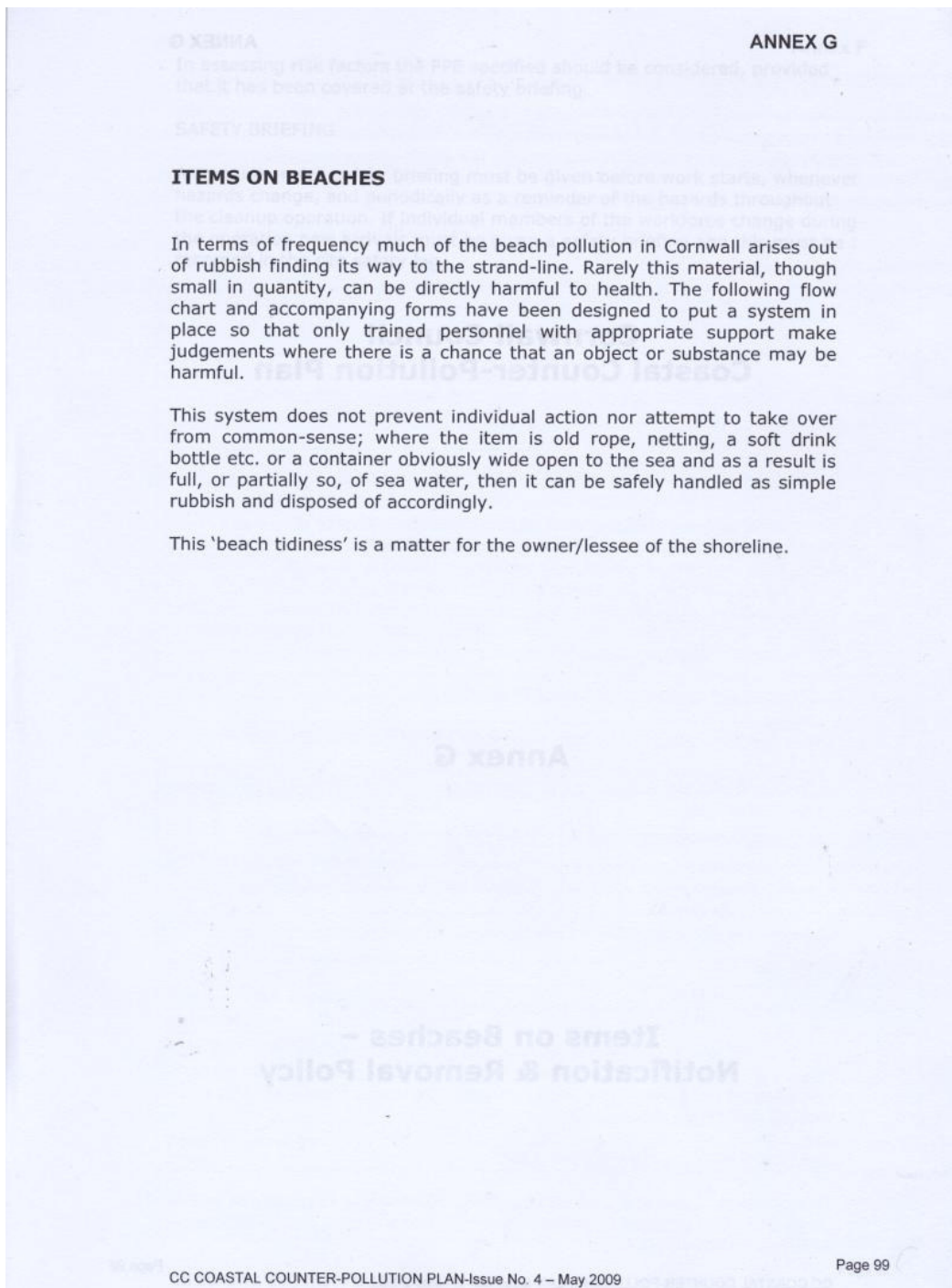
Q.	Results of supplementary Inquiries: _____	

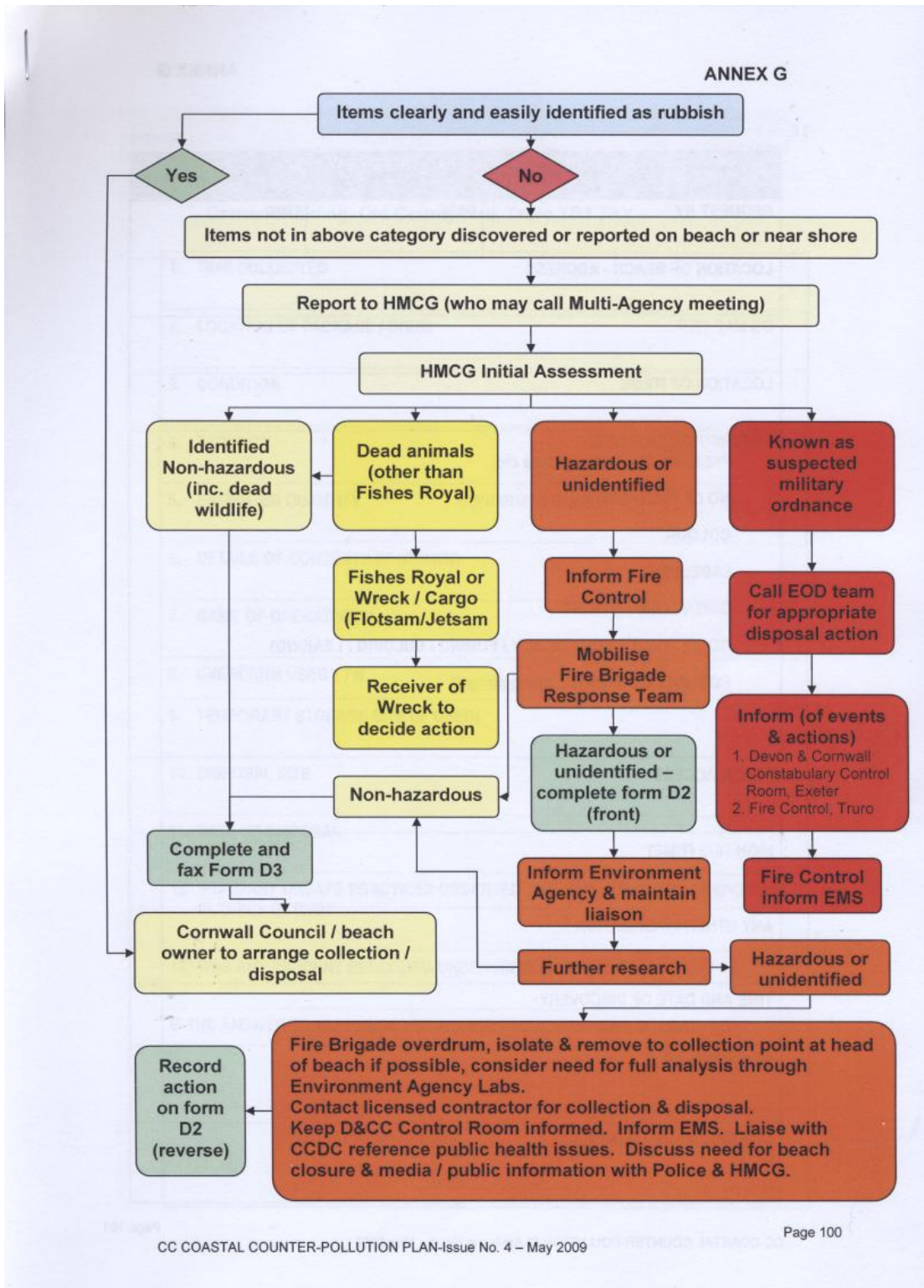
	(e.g. inspection by Surveyors, statements from ship's personnel, etc. if applicable)	
R.	Results of mathematical models _____	

Appendix 5

Items on Beaches

Extract from the Cornwall Council Coastal Counter Pollution Plan
Annex G - May 2009





ANNEX G

Form D 2

REQUEST FOR BEACH RECOVERY		
REQUEST BY	DATE	TIME
LOCATION OF BEACH - ADDRESS		
OS MAP REF		
LOCATION OF ITEMS		
DESCRIPTION OF ITEMS: PACKAGE TYPE (Drum, Case etc) NO OF PACKAGES COLOUR LABELLING DIMENSIONS / WEIGHT CONDITION (DENTED / RUSTY / FUMING / BULGING / LEAKING) POSSIBLE CONTENTS : (Unconfirmed)		
BEACH ACCESS		
HIGH TIDE (TIME)		
ANY OTHER INFORMATION		
TIME AND DATE OF DISCOVERY		
REPORTED BY		
CONTACT NAME / NUMBER		

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CC COASTAL COUNTER-POLLUTION PLAN-Issue No. 4 – May 2009

ANNEX G

Form D 2
(reverse)

TO BE COMPLETED BY CONTRACTOR AND RETURN TO:
Emergency Management Service
Carnon Building, Old County Hall, Truro TR1 3AY

1. TIME COLLECTED	
2. LOCATION OF PACKAGE / DRUM	
3. CONDITION	
4. SECURITY	
5. ESTIMATED QUANTITY	CONFIRMED QUANTITY
6. DETAILS OF CONTENTS (IF KNOWN)	
7. NAME OF OPERATIVE(S)	
8. OVERDRUM USED Y / N	
9. TEMPORARY STORAGE SITE (IF USED)	
10. DISPOSAL SITE	
11. DATE OF DISPOSAL	
12. WERE ANY UNSAFE PRACTICES OBSERVED / DID ANY ACCIDENTS / REPORTABLE INJURIES OCCUR?	
13. WAS ANY INCIDENT RECORDED UNDER RIDDOR?	
IF THE ANSWER TO 12 / 13 WAS YES PLEASE PROVIDE DETAILS BELOW	
COMPANY (SIGNATURE) DATE	

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CC COASTAL COUNTER-POLLUTION PLAN-Issue No. 4 – May 2009

ANNEX G

FORM D3

NON HAZARDOUS ITEMS ON BEACHES

To: Cornwall Council

The container(s)

- Location -----
- O/S Map Ref -----
- Time & date inspected-----

Description of item (drum, case, etc.)-----

1. No. of : -----

2. Colour : -----

3. Labelling / markings -----

4. Size : -----

5. Condition : -----

6. Contents (if known)-----

Any other information (access, handling difficulties, etc.)

----- has carried out a visual inspection of the container(s) and request that Cornwall Council arranges for collection and transportation to a WDA authorised disposal site.

The item is classed as '**SAFE TO HANDLE**'

7. From : ----- (Agency)
 ----- Contact Name
 ----- Telephone No.

Appendix 6 Training Schedule

QUALIFICATION LEVEL	FOWEY HARBOUR COMMISSIONERS PERSONNEL		COURSE PROVIDER	EXPIRY DATE
LEVEL 2 TYPE INDUCTION 1 DAY	F. CRAPP B. DANIEL G. DEAN R. FARLEY B. MUTTON K. MUTTON D.NICHOLSON S. PRITCHARD	PILOT BOATMEN J. ALLEN M. ELLIOTT N. PERKIN E. TEUTON	NORTHERN ENVIRONMENTAL MANAGEMENT LTD	January 2010
LEVEL 3 TYPE TECHNICIAN 3 DAY	S. BARKER J. BURGESS J. HODDINOTT J. PRITCHARD S. TABB		NORTHERN ENVIRONMENTAL MANAGEMENT LTD	January 2010
LEVEL 4 OPERATIONS SUPERVISOR (PORT) 4 DAY	C HODDINOTT C.WOOD (Pilot)		DV HOWELLS LTD DV HOWELLS LTD	June 2009 February 2008
LEVEL 5 OPERATIONS COMMANDER (PORT) 5 DAY	M.J.SUTHERLAND (Chief Executive & Harbour Master) M.K. HODSON (Deputy Harbour Master) W.P.MITCHELL (Pilot)		DV HOWELLS LTD DV HOWELLS LTD DV HOWELLS LTD	December 2011 March 2011 March 2011

Please Note as new staff are employed they will take part in the appropriate level of training when it becomes available.

Appendix 7

Site of Special Scientific Interest ~ Polruan to Polperro

Site notified to Secretary of State on 30 March 1998

CITATION SHEET

COUNTY: CORNWALL SITE NAME: POLRUAN TO POLPERRO

DISTRICT: CARADON

Status: Site of Special Scientific Interest (SSSI) notified under Section 28 of the Wildlife and Countryside Act 1981 (as amended)

Local Planning Authority: Cornwall County Council and Caradon District Council.

National Grid Reference: SX122508 - SX210509 Area: 213.38 (ha) 527.25 (ac)

Ordnance Survey Sheet 1:50,000: 201, 204 1:10,000: SX 15 SW, SX 15 SE, SX 25 SW

Date Notified (Under 1949 Act): 1951 Date of Last Revision: 1973

Date Notified (Under 1981 Act): 1986 (part) Date of Last Revision: 1997

Other Information:

As a further notification with extension, the site incorporates Polperro West Cliffs SSSI, renotified in 1986.

Shore dock and sea knotgrass are listed on Schedule 8 of the Wildlife and Countryside Act 1981 (as amended). Shore dock is also listed in Appendix 1 of the Berne Convention and Annex II of the EC Habitats and Species Directive (92/43/EEC).

Dartford warbler and peregrine are both listed on Schedule 1 of the Wildlife and Countryside Act 1981 (as amended) and also on Annex 1 of the European Directive on the Conservation of Wild Birds (79/409/EEC).

The site partly lies within an Area of Outstanding Natural Beauty (AONB).

Description and Reasons for Notification:

The site extends for approximately 10 km along the south Cornish coast from Polruan in the west to Polperro in the east. The cliffs and foreshore along this section of coast comprise of exposures of Lower Devonian mudrocks and sandstones belonging to the Dartmouth Group and the Meadfoot Group. The complex lithological variation and tectonic structure of these rocks, which includes the presence of thin bands of calcareous rocks in the Meadfoot Group, shapes the coastline and the nature of the habitats and species present.

The various habitats found are particularly important for their assemblage of plants, including the internationally threatened shore dock *Rumex rupestris* and nationally endangered sea knotgrass *Polygonum maritimum*. The site also supports significant populations of other notable plant species including the nationally scarce slender birdsfoot trefoil *Lotus angustissimus*, hairy birdsfoot trefoil *Lotus subbiflorus*, lanceolate spleenwort *Asplenium obovatum*, dotted sedge *Carex punctata*, maidenhair fern *Adiantum capillus-veneris*, wild cabbage *Brassica oleracea*, portland spurge *Euphorbia portlandica*, musk storks-bill *Erodium moschatum*, purple ramping-fumitory *Fumaria purpurea*, Italian lords-and-ladies *Arum italicum* subsp. *neglectum* and ivy broomrape *Orobanche hederæ*.

The shingle beach flora as at Great Lantic Beach contains a number of plants which have a very restricted distribution both nationally and in Cornwall. Those present include sea knotgrass, Ray's knotgrass *Polygonum oxyspermum* subsp. *raii*, sea kale *Crambe maritima*, sea spurge *Euphorbia paralias*, sea sandwort *Honkenya peploides*, sand couch *Elymus farctus*, sea bindweed *Calystegia soldanella* and Babington's orache *Atriplex glabriuscula*. In places the lower cliffs, backshore areas and cliff crevices are influenced by freshwater seepages, flushes and springs. Shore dock occurs in a variety of the plant communities which can be found in these habitats. These include tall-herb vegetation dominated by common reed *Phragmites australis* with common fleabane *Pulicaria dysenterica*, red fescue *Festuca rubra* and creeping bent *Agrostis stolonifera* and, on wet dripping rocks, in vegetation filled crevices with sea mayweed *Triplospermum maritimum* and creeping bent.

The cliffs and slopes support a variety of maritime rock crevice and cliff ledge plant communities; maritime cliff, cliff top and sub-maritime grasslands; and flushes. These are found alongside or amongst large areas of scrub including gorse *Ulex europaeus* scrub, blackthorn *Prunus spinosa*, bramble *Rubus fruticosus*, bracken *Pteridium aquilinum* and carpets of ivy *Hedera helix*. This rich mix of coastal cliff habitats supports a wide range of characteristic and uncommon wildlife.

Plants of particular interest along the cliffs include narrow leaved everlasting-pea *Lathyrus sylvestris* and within rock crevices the nationally scarce lanceolate spleenwort *Asplenium billotii*, maidenhair fern *Adiantum capillus-veneris* and ivy broomrape *Orobanche hederæ*. The cliff lands are also of note for the presence of calcicole species such as wild privet *Ligustrum vulgare*, madder *Rubia peregrina* and salad burnet *Sanguisorba minor* and lichens including *Solenopsis candicans* and *Toninia caeruleonigricans*. These reflect the presence of calcareous strata in the underlying geology. Associated therophyte vegetation includes a typical range of species such as early hair-grass *Aira caryophyllea*, sheep's fescue *Festuca ovina*, least soft-brome *Bromus hordeaceus* ssp *ferronii* and wild thyme *Thymus drucei*. Areas of bracken invaded grassland supports mixtures of sweet vernal grass *Anthoxanthum odoratum*, red fescue, cock's foot *Dactylis glomerata*, bluebell *Endymion non-scriptus* and wood sage *Teucrium scorodonia*.

There is limited development of red fescue dominated maritime grassland below the cliff-land scrub communities. Rocky outcrops support cliff ledge species and grassland with rock samphire *Crithmum maritimum*, red fescue and in places the nationally scarce wild cabbage. The cliff faces support a sparse vegetation cover of thrift *Armeria maritima*, English stonecrop *Sedum anglicum*, wild carrot *Daucus carota*, sea campion *Silene maritima* red fescue and other maritime species. In addition there are some slaty screes present with a sparse vegetation cover including sea beet *Beta vulgaris*, sorrel *Rumex acetosa* and oxeye daisy *Leucanthemum vulgare*. The scarce tree mallow *Lavatera arborea* is present in various places including a rocky ledge on Pencarrow Head and on the cliffs at Polperro.

A sizeable area of western gorse *Ulex gallii* heath is also present, notably on Lansallos cliff, with heather *Calluna vulgaris* and bell heather *Erica cinerea* occurring locally. A number of small streams cut through the cliffs giving rise to a more species rich flush vegetation with common reed dominant.

Fine-textured more species-rich grassland is present locally, concentrated in mown strips adjacent to the coastal path. This is made up of mixtures of grasses and herbs including red fescue, Yorkshire fog *Holcus lanatus*, sweet vernal-grass, common bent *Agrostis capillaris*, yarrow *Achillea millefolium*, woodrush *Luzula campestris*, common dog-violet *Viola riviniana*, ribwort plantain *Plantago lanceolata*, common cat's-ear *Hypochoeris radicata*, common

birdsfoot trefoil *Lotus corniculatus*, wild thyme, common milkwort *Polygala vulgaris*, common knapweed *Centaurea nigra*, common restharrow *Ononis repens* and the scarce slender bird's-foot trefoil. Grassy embayments amongst scrub contain ribwort plantain, betony *Betonica officinalis*, wild thyme, common milkwort, oxeye daisy, common restharrow, sheep's-bit *Jasione montana*, eyebright *Euphrasia nemorosa* and the nationally scarce hairy birdsfoot trefoil. Autumn lady's tresses orchid *Spiranthes spiralis* and early purple orchid *Orchis mascula* are also present locally.

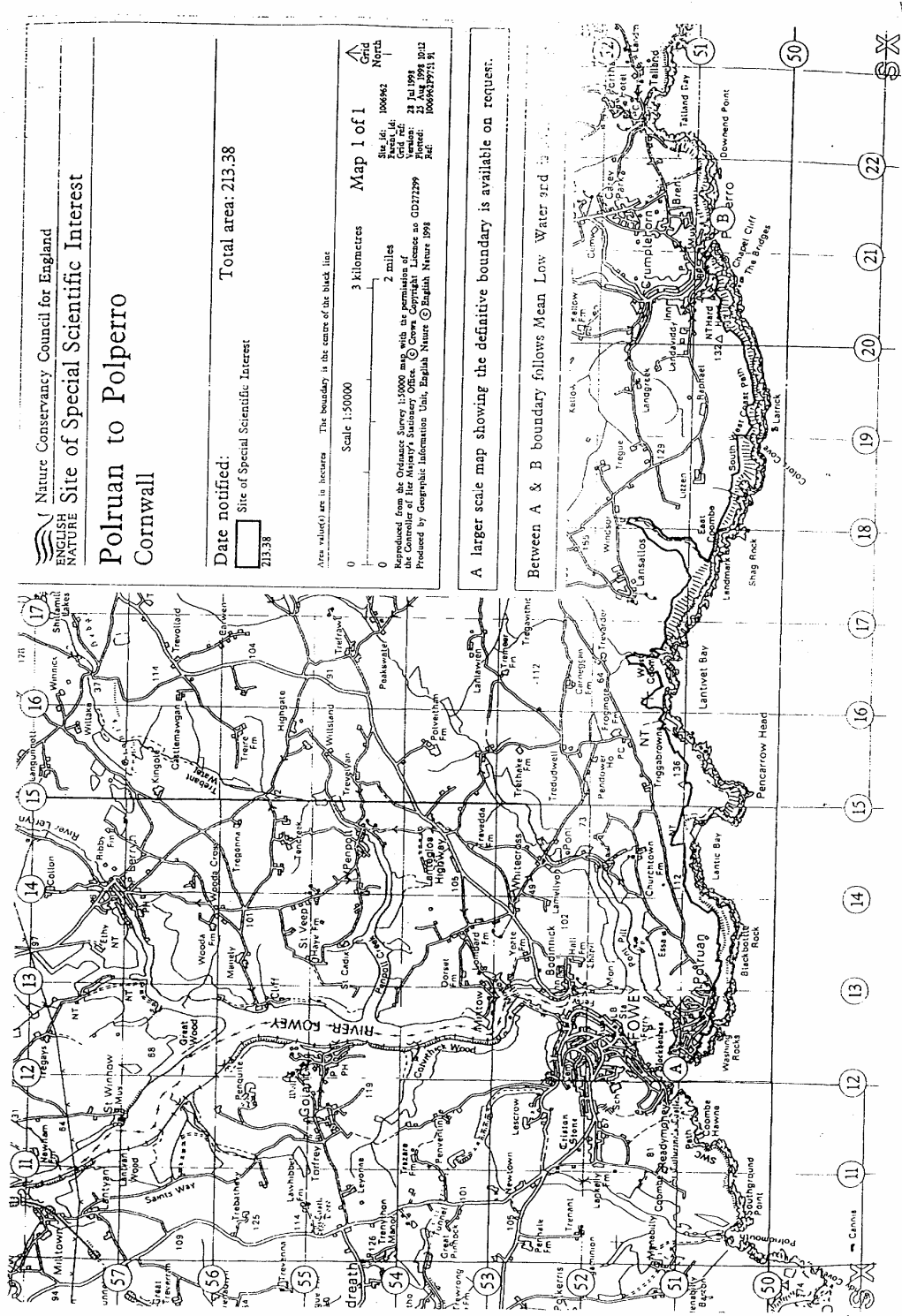
A number of small abandoned bulb fields to the west of Polperro are surrounded by high shelter belt hedges and ancient paths and tracks. These areas contain a number of notable plant species including the nationally scarce purple ramping fumitory and Italian lords-and-ladies and the uncommon white ramping fumitory *Fumaria capreolata*.

The site also supports extensive areas of species-rich unimproved grassland such as at East Coombe. The main grass species present are sweet vernal grass, crested dog's tail *Cynosurus cristatus*, common bent *Agrostis capillaris* and red fescue. The rich diversity of other species present include common dog-violet, common milkwort, glaucous sedge *Carex flacca*, squinancywort *Asperula cynanchica*, common centaury *Centaureum erythraea*, common mouse-ear *Cerastium fontanum* and germander speedwell *Veronica chamaedrys* with good numbers of the rather local pale flax *Linum bienne*. Large areas of very good quality, unimproved, neutral grassland, as found here, are very scarce nationally and are extremely rare in a Cornish context. Soil invertebrate communities are of interest, and the large extent of pasture supports the hornet robber fly *Asilus crabroniformis* - a species which has become scarce over much of its former British range.

The considerable invertebrate interest includes the uncommon scarlet tiger moth *Callimorpha dominula* and the nationally scarce pearl bordered fritillary *Boloria euphrosyne* associated with the scrubby gorse heath of Lansallos Cliff. The Red Data Book bug *Trapezonotus ullrichi* is associated with oxeye daisy where it survives along path margins and the Red Data Book crane fly *Limonia goritiensis* is associated with the extensive wet rock faces of the cliffs. The invertebrate interest also includes a local species of weevil *Apion rubens* and a species of scorpion fly *Panorpa cognata* not previously recorded in Cornwall.

Nationally scarce moss, liverwort and lichen species include *Grimmia trichophylla* var *subsquarrosa*, *Riccia crozalsii* and *Solenopsora holophaea* respectively.

The breeding bird community is very typical of Cornish clifflands, with relatively large numbers of stonechat *Saxicola torquata*, linnet *Acanthis cannabina* and whitethroat *Sylvia communis*. A wider variety of songbirds are dependant on cliff scrub in the spring and autumn as migrant birds. The Red Data Book listed dartford warbler *Sylvia undata* has also been reported at Lansallos Cliff. The cliffs also support the Red Data Book listed peregrine *Falco peregrinus* and small breeding populations of shags *Phalacrocorax aristotelis* and fulmars *Fulmaris glacialis*.



Appendix 8
Joint Nature Conservation Committee (By Permission)
Abstract from – Marine Nature Conservation Review Sector 8

Extract from



Marine Nature Conservation Review

Sector 8

**Inlets in the western
English Channel**

Area summaries

Jon J. Moore, Jan Smith & Kate O. Northen



1999

Series editor: David Connor

Coasts and seas of the United Kingdom - MNCR series

MNCR Sector 8. Inlets in the western English Channel

Area summaries

Joint Nature Conservation Committee
Monkstone House
City Road
Peterborough PE1 1JY
UK

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Matt Dalkin, Tim Hill & Kate Northen (JNCC)
Report preparation: Kate Northen
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Printed by: CL Enterprises Ltd., St Ives, Cambs.

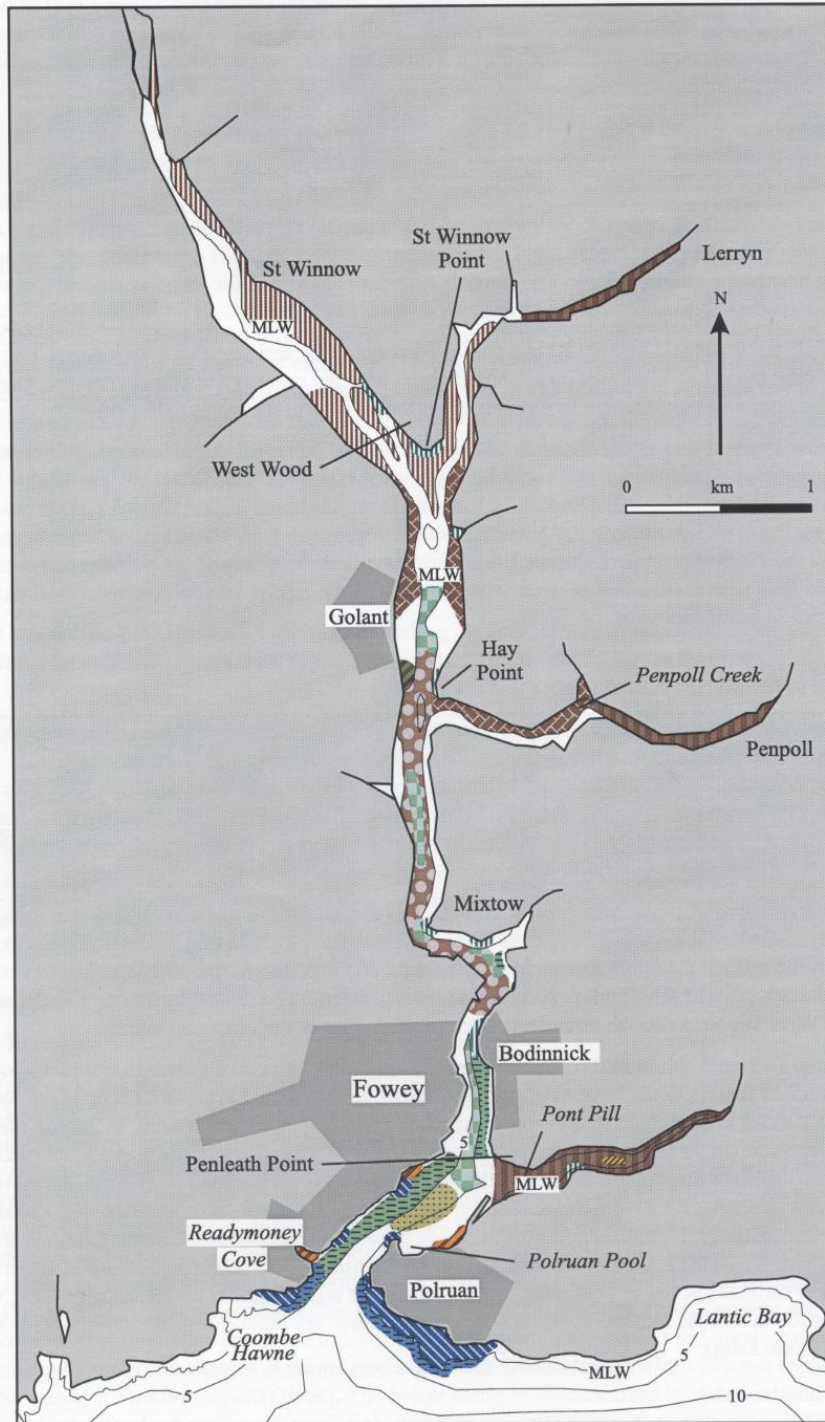
*OPRU, 3 Dolphin Court, Brunel Quay, Neyland, Pembrokeshire, SA73 1PY

Cover photographs

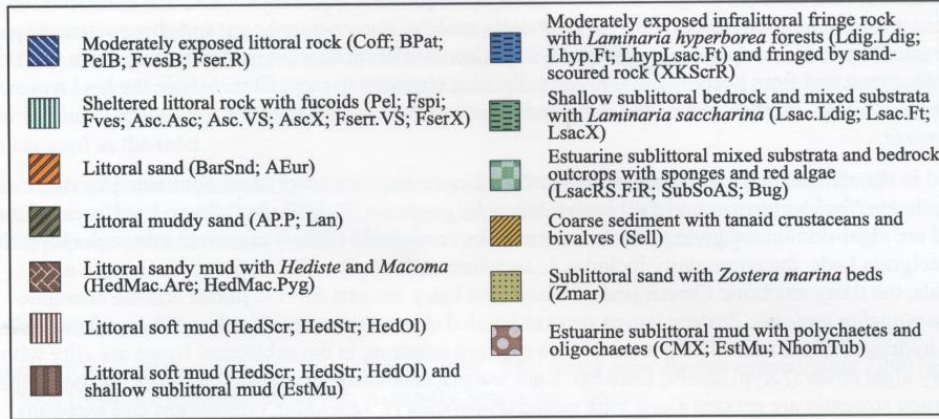
Front cover. Top left: Isles of Scilly (Roger Mitchell/JNCC). Top right: Blackwater estuary (David Connor/JNCC). Bottom left: kelp forest and the sunstar *Crossaster papposus*, Skye (Sue Scott/JNCC). Middle right: The Drongs, Shetland (Keith Hiscock). Bottom centre: the cup coral *Leptopsammia pruvoti*, Lundy Island, Devon (Keith Hiscock). Bottom right: the knotted wrack *Ascophyllum nodosum* with the red alga *Polysiphonia lanosa*, Milford Haven, Pembrokeshire (Keith Hiscock).
Back cover. Top: mosaic of sponges and ascidians, Rockall (Sue Scott/JNCC). Middle: Isles of Scilly (Roger Mitchell/JNCC). Bottom: Remotely Operated Vehicle (video recording) and diver, Ardnamurchan Point, Highland (David Ainsley).

MNCR Sector 8. Inlets in the western English Channel

Area summaries



14. River Fowey



< **Figure 14.2** Indicative distribution of the main biotopes in the inlet (based on data from survey sites shown in Figure 14.1, cited literature and additional field observations) (Key to biotopes symbols above).
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