

## 6. Literature and further reading

<http://www.nationaltrust.org.uk/wildbuildings/html/roof/bats/index.htm>

<http://www.npta.org.uk/bats.htm>

[http://www.bats.org.uk/helpline/helpline\\_roosts.asp](http://www.bats.org.uk/helpline/helpline_roosts.asp)

Allen P., Forsyth I., Hale P., Rogers S. (2000) Bats in Northern Ireland; Their demography as recorded in the historic literature and the data files of the Northern Ireland Bat Group. Special Zoological Supplement to The Irish Naturalists' Journal.

Altringham J.D. (2003) British bats. Harper Collins, New Naturalist Series, London.

Anonymous (2003) Natural Heritage and the Law: Bats and people. Scottish Natural Heritage..

Appleton C. (2003) The effect of building works on bats: ten case studies. The National Trust. Available on CD from The National Trust, Conservation Directorate, 33 Sheep St., Cirencester, Glos. GL7 1RQ, UK

Balbierius, A. (1981) Siksnosparniai skrenda per Ventės Raga. Musu gamta **9**: 16-17.

Bat Conservation Trust (2006) A review of the success of bat boxes in houses. Scottish Natural Heritage Report No. 160.

Briggs P. (2002) A study of bats in barn conversions in Hertfordshire in 2000. Hertfordshire Biological Records Centre, Hertford. Available on CD from HBRC, County Hall, Pegs Lane, Hertford SG13 8DN

Briggs P. (2004) Effect of barn conversion on bat roost sites in Hertfordshire, England. Mammalia: 68: 353-364.

Catherine Bickmore Associates (2003) Review of work carried out on trunk road networks in Wales for bats. Catherine Bickmore Associates, London.

Dietz C. (2001): Berücksichtigung des Fledermausschutzes bei der Sanierung von Natursteinbrücken und Wasserdurchlässen. Innenministerium Baden-Württemberg.

Downs N.C., V. Beaton, J. Guest, J. Polanski, S.L. Robinson & P.A. Racey (2003). The effects of illuminating the roost entrance on the emergence behaviour of *Pipistrellus pygmaeus*. Biological Conservation 111: 247–252

Elisonas J. (1932) Musu salies zinduoliai. Volume II. Svietimo ministerijos knygu leidimo komisija, Klaipeda.

Entwistle A.C., Racey P.A., Speakman J.R. (1997) Roost selection by the brown long-eared bat *Plecotus auritus*. Journal of Applied Ecology 34: 399-408.

Entwistle A. C., Harris S., Hutson A. M., Racey P. A., Walsh A., Gibson S. D, Hepburn I., Johnston J. (2001) Habitat Management for bats: A guide to land managers, landowners and their advisors. Joint Nature Conservation Committee, Peterborough. 47 pp.

Hernández, LM, Ibáñez, C, Fernández, MA, Guillén, A, González, MJ, Pérez, JL (1993) Organochlorine insecticide and PCB residues in two bat species from four localities in Spain. Bull Environ Contam Toxicol 50:871–877

Hutson A.M. (1995) Conservation of bats in the management of ancient monuments. In: Managing ancient monuments: An integrated approach, pp 71-78. Clwyd County Council, Clwyd.

Ivanauskas T., Likeviciene N., Maldziunaite S. (1964) Vadovas Lietuvos zinduoliams pazinti. Valstybine politines ir mokslines literaturos leidykla, Vilnius. 340 pp.

Jefferies D J (1976) Organochlorine insecticide residues in british bats and their significance. J Zool 166:245–263.

Kelleher C. & Marnell F. (2006) Bat mitigation guidelines for Ireland. *Irish Wildlife Manuals* No. 25. National Parks and Wildlife Service, Dublin.

- Kurlavicius P., Pauza D.H., Monsevicius V., Gruodis S. (1991) Reti ir saugotini Lietuvos miskų gyvūnai. In: "Miskininko žinyras", Vilnius: Mokslas., pp. 405-434..
- Kurskov A.N. (1981) Rukokrilye Belorusii. Nauka i Technika, Minsk..
- Kuzjakın A.P. (1950) Letuczja miszi. Sowietskaja Nauka, Moskwa.
- Kuznecov B. (1954) Materiali po faune mlekopitatajuszich Litovskoi SSR. Biul. MOIP. Otd. biol., 59: 7-16.
- Limpens H., Lina P. H.C., Hutson A. M. (2000) Action Plan for the Conservation of the Pond Bat in Europe (*Myotis dasycneme*). Nature and Environment Series 108.
- Longley, M. (2004) Greater horseshoe bat project 1998-2003. English Nature, Report No. 532
- Masing M.V. (1990) Rukokrilye Estonii: sovremenoe sostojanie populiacii i ekologichieskie osnovy ochrany. Doctoral Thesis, Moskwa.
- Mitchell-Jones A.J. (2004) Bat Mitigation Guidelines. English Nature. Peterborough.
- Mitchell-Jones A.J., & McLeish A.P. (Ed.) (2004), 3<sup>rd</sup> Edition *Bat Workers' Manual*, Joint Nature Conservation Committee, Peterborough.
- Mitchell-Jones A. J., Amori G., Bogdanowicz W., Kryštufek B., Reijnders P. H. J., Spitzenberger F., Stubbe M., Thissen J. B. M., Vohralík V., Zima J. (Eds.) (1999): The atlas of European mammals. T & AD Poyser London. (Database EUNIS v2. <http://eunis.eea.eu.int/>, 20.2.2006)
- Moore N.P., Jones S., Hutson A.M., Garthwaite D. (2003) Assessing the outcome of Nature advice on bat colony management and mitigation works. English Nature, Report No 517.
- The National Trust. (2001). Wildlife and Buildings. Technical guidance for architects, builders, building managers and others. The National Trust, UK.
- Paine S. (1993) The effects of bat excreta on wall paintings. *The Conservator* 17: 3-10.
- Paine, S. (unknown year): *Bats in churches. Guidelines for the assessment, identification and management of bat related damage to church contents*. Ancient Monuments laboratory, Conservation and Techology, English Heritage, London. [[http://www.ribblevalley.gov.uk/downloads/bats\\_church.pdf](http://www.ribblevalley.gov.uk/downloads/bats_church.pdf)]
- Pauza D., Pauziene N. (1983) Inkilai siksnosparniais. *Musu gamta*, **12**, 13 p.
- Pauza D. (1985) Kauno miesto ir jo apylinkiu siksnosparniai. Master Thesis. Vilnius, 131 pp.
- Pauza D., Pauziene N. (1988) Siksnosparniai. In: Lietuvos fauna. Zinduoliai. - Prusaite, J. (ed.) Mokslas, Vilnius, pp. 43-91.
- Pauza, D., Juskaitis R. et al. (1992) Lietuvos Raudonoji Knyga. Zinduoliai. Vilnius: Mokslas.
- Presetnik P. (2004) Bat species and conservation issues in the castle Grad na Goričkem (NE Slovenia). *Mammalia* 68(4): 427-435.
- Presetnik P, Zagmajster M. (2005). Pod skupno streho z netopirji. Informativna zloženka. Projekt Varstvo dvoživk in netopirjev v regiji Alpe-Jadran. INTERREG III A. Center za kartografijo favne in flore, Miklavž va na Dravskem polju.
- Pauza D.H., Pauzienie N. (1996) Distribution, status and protection of Lithuanian bats. *Ekologija-Ecology-Экология*. Vilnius: Academia., nr. 3, p. 44-65.
- Pauza D.H., Pauziene N. (1998) Bats of Lithuania: distribution, status and protection. *Mammal review*. vol. 28, n. 2. p. 53-67.
- Pauza D.H. (1998) Distribution and status of Lithuanian Bats. *Proceedings of the Latvian Academy of Sciences Section B* vol. 52, n. 1-2 (594/596).

Petersons, G. (1993) Distribution and present status of bats in Latvia. Abstracts of the Second Baltic Theriological Conference. Vilnius, p. 23.

Prusaite, J. (1972) Lietuvos zinduoliai. Mintis, Vilnius.

Racey, P. A. & Swift, S. M. (1986) The residual effects of remedial timber treatments on bats. *Biol. Cons.* 35: 205 - 214.

Reiter G. & Zahn A. (2006): Leitfaden zur Sanierung von Fledermausquartieren im Alpenraum / Guidelines for the renovation of buildings hosting bat roosts in the Alpine area. Co-ordination Centre for Bat Conservation and Research in Austria (KFFÖ) and Co-ordination Centre for Bat Conservation in South Bavaria Department of Biology II, LMU Munich. 150 pp [[www.fledermausschutz.at/Sets/Literatur-Set.htm](http://www.fledermausschutz.at/Sets/Literatur-Set.htm) or [www.stmugv.bayern.de/de/natur/lsn/de/pilot\\_fl.htm](http://www.stmugv.bayern.de/de/natur/lsn/de/pilot_fl.htm)]

Sargent, G. (1995) *The bats in churches project*. The Bat Conservation Trust, London.

Schofield, H. & Bontadina, F. (1999) Habitat preferences of the lesser horseshoe bat, *Rhinolophus hipposideros*. The Vincent Wildlife Trust Report.

Sheil, C. (1999) Bridge usage by bats in County Leitrim and County Sligo. The Heritage Council, Ireland. [<http://www.heritagecouncil.ie/publications/bats/ch6.html>]

Société Française pour l'Etude et la Protection des Mammifères (2002) Les Chauves-souris, hôtes des ponts. SFPEPM, France. [<http://www.sfepm.org/NuitChauveSouris/images2/Savoirplus/plaqponts.pdf>]

Simpson & Brown Architects (editors) (1996) *The design and construction of bat boxes in houses*. Scottish Natural Heritage.

Simon M., Hüttenbügel S., Smit-Viergutz J. (2004) Ökologie und Schutz von Fledermäusen in Dörfern und Städten / Ecology and conservation of bats in villages and towns. Schriftenreihe für Landschaftspflege und Naturschutz, Heft 76 / 77. Bundesamt für Naturschutz, Bonn. 276 / 263 pp.

Smith P.G. & Racey, P.A. (2002) *Habitat management for Natterer's bat* *Myotis nattereri*. Mammals Trust UK Publication. Peoples' Trust for Endangered Species, London.

Swift, S.M. (1998) *Long-eared bats*. Poyser, London.

Turner, V. L. (2003) Selection of foraging habitat by Daubenton's bat (*Myotis daubentonii*) and the two phonic forms of pipistrelle (*Pipistrellus pipistrellus* and *P. pygmaeus*) in a North Wales upland river catchment. Countryside Council for Wales, Report No. 588.

## Appendix 1      Working Group members

Dr Ferdia Marnell (Ireland, convenor), Primoz Presetnik (Slovenia), Melanie Hardie (United Kingdom), Branko Karapandza (Serbia and Montenegro), Dr Katie Parsons and Alison Rasey (BCT, United Kingdom), Prof Dainius H. Pauza (Lithuania), Dr Dino Scaravelli (Italy), Dr Lubomira Vavrova (Slovakia).

Additional advice was also provided by: Stéphane Aulagnier (France), Dr Andriy-Taras Bashta (Ukraine), Zoltan Bihari (Hungary), Suren Gazaryan (Russian Federation), Lena Godlevska (Ukraine), Daniela Hamidovic (Croatia), Jana Kristanc (Slovenia), Sandrine Lamotte (Belgium), Dr Blanka Lehotska (Slovak Republic), Branko Micevski (FYR Macedonia), Aleksandar Nastov (FYR Macedonia), Ioseb Natradze (Georgia), Marie Nedinge (Sweden), Dr Friederike Spitzenberger (Austria), Dr Nikola Tvrtkovic (Croatia), Dr Marcel Uhrin (Slovakia).

## Appendix 2 Questionnaire

### Intersessional Working Group 5 - Protection of overground bat roosts

Resolution 4.9; 3a) states that:

Information on methods used to protect roost sites other than underground sites should be gathered by the Advisory Committee, with roost sites in buildings that are part of the cultural heritage as a priority.

### QUESTIONNAIRE

Country: .....

Completed by: .....

Contact details: .....

Date: .....

### General

1) Is there a national bat roost database for your country? Y / N

2) If you know who holds this database, please give details here

.....

.....

.....

.....

.....

3) Does it allow you to identify roost types?

Y / N

4) What type of overground roosts is used by which species of bats in your country?

Please indicate the dependence of individual species on specific roost types as High (**H**), Medium (**M**), Low (**L**), not important (-) or not known (?).

Species	Overground roost type						Other, please specify
	Church	Castle/ Fortification House/ block of flats	Barn / Stables	Bridge	Tree		
<i>Rousettus aegyptiacus</i>							
<i>Taphozous nudiventris</i>							
<i>Rhinolophus blasii</i>							
<i>Rhinolophus euryale</i>							
<i>Rhinolophus ferrumequinum</i>							
<i>Rhinolophus hipposideros</i>							
<i>Rhinolophus mehelyi</i>							
<i>Barbastella barbastellus</i>							
<i>Barbastella leucomelas</i>							
<i>Eptesicus bottae</i>							
<i>Eptesicus nilsonii</i>							
<i>Eptesicus serotinus</i>							
<i>Hypsugo savii</i>							
<i>Myotis alcathoe</i>							
<i>Myotis aurascens</i>							
<i>Myotis bechsteinii</i>							
<i>Myotis blythii</i>							
<i>Myotis brandtii</i>							
<i>Myotis capaccinii</i>							
<i>Myotis dasycneme</i>							
<i>Myotis daubentonii</i>							
<i>Myotis emarginatus</i>							
<i>Myotis hajastanicus</i>							
<i>Myotis myotis</i>							
<i>Myotis mystacinus</i>							
<i>Myotis nattereri</i>							
<i>Myotis nipalensis</i>							
<i>Myotis cf. punicus</i>							
<i>Myotis schaubi</i>							
<i>Nyctalus lasiopterus</i>							
<i>Nyctalus leisleri</i>							
<i>Nyctalus noctula</i>							
<i>Otonycteris hemprichii</i>							
<i>Pipistrellus kuhlii</i>							
<i>Pipistrellus nathusii</i>							

<i>Pipistrellus pipistrellus</i>							
<i>Pipistrellus pygmaeus</i>							
<i>Plecotus alpinus</i>							
<i>Plecotus auritus</i>							
<i>Plecotus austriacus</i>							
<i>Plecotus kolombatovici</i>							
<i>Plecotus sardus</i>							
<i>Vespertilio murinus</i>							
<i>Miniopterus schreibersii</i>							
<i>Tadarida teniotis</i>							

<b>Administrative and practical protection</b>
--

5) Are bat roosts legally protected? Y / N

If yes, please give details of the legislation (e.g. “Irish Wildlife Acts (1976 and 2000) protect all bat roosts from intentional disturbance or destruction”) :

.....  
.....  
.....  
.....  
.....

6) Are some roosts protected through state ownership or NGO ownership? Y / N

7) Is there physical protection of overground roosts in your country? Y / N

If yes, what forms of protection are used?

- a) Grilling Y / N
- b) Fencing Y / N
- c) Blocking up Y / N
- d) Access restriction Y / N

Other, please specify:

.....  
.....  
.....  
.....

*Interactions with built heritage*

8) Can conservation of built heritage (e. g. churches, castles) conflict with bat conservation? Y / N



9) What types of conflict arise?

- a) Disturbance of bats by humans Y / N
- b) Disturbance of humans by bats (e.g. noise) Y / N
- c) Damage to property by bats Y / N
- d) Exclusion of bats from buildings / bridges / trees Y / N

Other, please specify:

.....  
.....  
.....  
.....

10) Please give an example, if you have one, of how such conflict has been successfully resolved.

.....  
.....  
.....  
.....  
.....  
.....

11) Is it a legal requirement to carry out bat surveys before renovation / restoration works of buildings of cultural importance? Y / N

12) Where bats are known to be present in a building of cultural importance due for renovation / restoration, are mitigation measures for the conservation of the bats legally required? Y / N

If yes, what forms of mitigation are practised?

- a) Timing of works to minimise disturbance Y / N
- b) Creation of limited access areas to protect bats Y / N
- c) Translocation of bats Y / N
- d) Provision of alternative roosts Y / N
- e) Exclusion of bats Y / N

Other, please specify:

.....  
.....  
.....  
.....



## Appendix 3 Summary of questions on dependence of bat species on overground roost types

Number of countries with estimated dependence of bat species on overground roost types. (dependence: high (**H**), medium (**M**), low (**L**), not important (**NI**), not known (?), just present (**P**); by combination of the estimation categories the higher dependence was considered; CH categories valid for Switzerland; **bold** are marked values of H & M dependence which sum exceeds 4)

Overground roost type Species	Church						Castle/ Fortification						House/ block of flats (CH Buildings)						Barn / Stables						Bridge (CH Bridge/Rock)						Tree					
	H	M	L	NI	P	?	H	M	L	NI	P	?	H	M	L	NI	P	?	H	M	L	NI	P	?	H	M	L	NI	P	?	H	M	L	NI	P	?
	1	4	9	2			<b>1</b>	<b>5</b>	1	6	1	3	<b>2</b>	<b>3</b>	5	5	1	5	3	4	4	5			2	7	7	9	1	3	1	1	5			
<i>Barbastella leucomelas</i>			1	1							1						1					1				1			1	1						
<i>Eptesicus bottae</i>			1				1					1										1			1			1	1							
<i>Eptesicus nilssonii</i>	1	3	4	7	1	1	1	3	3	5	2	<b>7</b>	<b>4</b>	2	2	1	2		2	1	3	5			6	7	2	1	3	2		6				
<i>Eptesicus serotinus</i>	<b>9</b>	<b>5</b>	4	2	1		<b>3</b>	<b>4</b>	2	5	1	1	<b>16</b>	<b>3</b>	1	2	1	2	2	4	2	3		2	2	8	2		1	4	6	3				
<i>Hypsugo savii</i>		2		7	1	2		2	1	5	1	2	<b>2</b>	<b>4</b>		3	1	2		1	3	1	5		1	4	5		1	4	4					
<i>Miniopterus schreibersii</i>	1	1	2	4		2	1		2	5	2			3	6	1	2			1	5	3			6	1	3			7	1	2				
<i>Myotis alcaethoe</i>			4						3	1		1	3	1			1		3	1				3	1	1		2	2							
<i>Myotis aurascens</i>			4						3	1	1	1	2	1	1		2	1	1		2	1	1	1	1	2			3	1						
<i>Myotis bechsteini</i>	1		11	1			1	3	7	2		1	3	7	1	3		1	8	3		1	8	4	<b>15</b>			1	3							
	<b>6</b>	<b>3</b>	2	2	1		<b>2</b>	<b>3</b>	3	3	1	1	3	1	2	3	2	1	1	4	3	1	1	1	4	1	3		1	5	3					
<i>Myotis brandtii</i>		2	3	8	4		3	1		7	<b>6</b>	<b>5</b>	<b>8</b>		4	4		2	1	4	8		1	7	8	8	1	2	6							
<i>Myotis capaccinii</i>			1	5					2	4				1	5				1	4	1			4	1	2			4	2						
<i>Myotis cf. punicus</i>			1						1					1	1				1	1				1	1			1								
<i>Myotis dasycneme</i>	<b>5</b>	<b>1</b>		3	2		<b>3</b>	<b>2</b>	1	3	3	<b>6</b>	<b>2</b>	1		3	2		4	4			3	7	1	3	2			5						
<i>Myotis daubentonii</i>	1	1	4	7	4		<b>5</b>	<b>2</b>	4	2	6	<b>2</b>	<b>7</b>	4	3	4		3	2	6	7	<b>5</b>	<b>3</b>	7	2	2	5	<b>19</b>	<b>2</b>		1	4				
<i>Myotis emarginatus</i>	<b>8</b>	<b>4</b>	1	3			<b>6</b>	<b>5</b>	1	3	1	<b>3</b>	<b>5</b>	4	2	1	1	3	2	2	3	1	3		1	7	1	5		5	6					
<i>Myotis hajastanicus</i>			1						1					1					1					1			1		1							
<i>Myotis myotis</i>	<b>11</b>	<b>3</b>		1	2		<b>5</b>	<b>4</b>	2	1	1	1	<b>4</b>	<b>3</b>	3	3	1		3	5	2		2	2	5	3		1	4	1	5					
<i>Myotis mystacinus</i>	2	2	5	6	4		<b>4</b>	<b>2</b>	2	5	6	<b>11</b>	<b>5</b>	1	2	2	4	4	1	2	3	8	1	2	1	5	10	<b>7</b>	<b>2</b>	1	2	8				
<i>Myotis nattereri</i>	2	2	3	6	5		<b>3</b>	<b>3</b>	2	3	1	7	<b>7</b>	<b>5</b>		2	1	7	2	4	1	2	1	8	1	2	2	6	1	8	<b>10</b>	<b>1</b>	10			
<i>Myotis nipalensis</i>			1						1					1					1					1					1							
<i>Myotis schaubi</i>			1						1					1					1					1				1		1						
<i>Nyctalus lasiopterus</i>		1		6			1	5	1			1	1	4	1		1	1	4	2			4	3	<b>6</b>			1	2							
<i>Nyctalus leisleri</i>		1		11	3		2	8	4			1	3	5	6	1	3		1	1	7	5		1	8	5	<b>17</b>			2	4					
<i>Nyctalus noctula</i>	3	1	3	6	3		2	1	9	4		<b>9</b>	<b>4</b>	3	1	1	2	1	1	7	6	1	1	2	5	7	<b>21</b>			2	3					
<i>Otonycteris hemprichii</i>			1						1					1					1					1					1							
<i>Pipistrellus kuhlii</i>	<b>3</b>	<b>2</b>	2	6	1	1	<b>2</b>	<b>3</b>		5	1	2	<b>12</b>	<b>2</b>		1	1		3	1	1	4	1	3	2	1	5	1	3	2		4	2	6		
<i>Pipistrellus nathusii</i>	2	2	3	8		3		2	3	7	3	<b>11</b>	<b>5</b>	1	2	1	3	2	1	3	5	6	2	1	6	1	7	<b>17</b>	<b>2</b>	1		4				
<i>Pipistrellus pipistrellus</i>	<b>8</b>	<b>3</b>	4	4	2	1	<b>5</b>	<b>3</b>	3	4	2	3	<b>18</b>	<b>4</b>		2	3	1	<b>5</b>	<b>2</b>	4	3	1	4	3	1	4	4	2	5	<b>8</b>	<b>2</b>	3	1	6	
<i>Pipistrellus pygmaeus</i>	<b>4</b>	<b>1</b>	4	6		3	<b>3</b>	<b>2</b>		5	6	<b>8</b>	<b>4</b>		3	6	3	1	2	1	9	2	1	5	8	<b>8</b>	<b>3</b>	1	1	8						
<i>Plecotus auritus</i>	<b>12</b>	<b>5</b>	4	3	2	2	<b>7</b>	<b>4</b>	3	1	1	5	<b>10</b>	<b>8</b>	2	1	2	2	<b>2</b>	<b>4</b>	6	2	7	2	1	6	10	<b>11</b>	<b>5</b>	1	1	6				
<i>Plecotus austriacus</i>	<b>9</b>	<b>3</b>	3	1	1	2	<b>6</b>	<b>2</b>	3		4	<b>7</b>	<b>3</b>	3		1	3	2	2	3	2	4	2	5	7	2	2	2	3	7						
<i>Plecotus kolombatovici</i>			1						1					1					1					1					1							
<i>Plecotus macrobullaris</i>	<b>2</b>	<b>3</b>	1	1	2			2	1	2		1	3	1	1	1	1	1	1	2	2			3	2		2	1	2	2						
<i>Plecotus sardus</i>			1						1					1	1				1					1					1							
<i>Rhinolophus blasii</i>		1	1	3				1	1	3				1	3				1	3				3	1				3	1						
<i>Rhinolophus euryale</i>	2		1	5			1		2	5				3	5				1	7				5	1	2			6	1						
<i>Rhinolophus ferrumequinum</i>	<b>6</b>	<b>2</b>	4	2	2	1	<b>4</b>	<b>5</b>	4		2	1	<b>3</b>	<b>7</b>	4	2	1	2	2	5	4	1	2	1	6	1	3			1	1					
<i>Rhinolophus hipposideros</i>	<b>5</b>	<b>4</b>	4	4	2		<b>7</b>	<b>5</b>	4	1	2		<b>7</b>	<b>5</b>	3	1	2		4	7	4	1	1	2	2	4	4			1	10	2				
<i>Rhinolophus mehelyi</i>		1	1	5	1				5	2				5	2				5	2				5	2				7	1						
<i>Rousettus aegyptiacus</i>			1						1					1					1					1				1								
<i>Tadarida teniotis</i>			1	4	1				2	1		1	1	1	1	1			2	1	1	1	1	1	2	1	1		2	1						
<i>Tapozous nudiventris</i>			1						1					1					1					1					1							
<i>Vespertilio murinus</i>	1		4	6	4		1		2	5	6	<b>14</b>	<b>5</b>		1	2	2		1	3	9			1	3	9	2	1	2	3	8					

## Appendix 4

EUROBATS Resolution No. 5.7 Guidelines for the Protection of Overground Roosts, with particular reference to roosts in buildings of cultural heritage importance

scan of resolution

## Appendix 5.

Summary of good practise for protection of overground roosts  
(particularly those in buildings of cultural heritage importance)