

Biophony Grid Portal

Your grid credential expires in 39 minutes.

Logon

Signature Selection

Signature

This application searches the field data, looking to see how close a match it can find for a given signature call. The call of each of the species listed here has been digitized so it can be matched against the field data.

Field Data

Select a signature call for which to search field data; then hit the **Submit** button.

Calculation

Logoff

Select a signature:

System Log

[\(printable version\)](#)

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GRIDS



Biophony Grid Portal

Your grid credential expires in 39 minutes.

Logon	Signature Selection
Signature	This application searches the field data, looking to see how close a match it can find for a given signature call. The call of each of the species listed here has been digitized so it can be matched against the field data.
Field Data	
Calculation	Select a signature call for which to search field data; then hit the Submit button.
Logoff	Select a signature: <input type="text" value="Chipping Sparrow"/> <input type="button" value="Submit"/>
System Log	

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GRIDS



Biophony Grid Portal

Your grid credential expires in 35 minutes.

Logon

Field Data File Selection

Signature

Use this page to select the time window you want to perform the search within. Select a start and end date, and a starting and ending time of day.

Field Data

Note that the starting and ending *times* are independent of the starting and ending *dates*.

Calculation

Press the **Get File Count** button to query MetaCat to discover how many signature files you've selected according to the criteria you've entered.

Logoff

System Log

When you have selected the field data you want, then press the **Proceed** button to continue with the calculation.

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<input type="button" value="Get file count"/>		Number of files found: 5			
	Month	Day	Year	Hour	Minute
Start	05 ▾	01 ▾	2004 ▾	05 ▾	00 ▾
End	05 ▾	01 ▾	2004 ▾	07 ▾	30 ▾
<input type="button" value="Proceed"/>					

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Logon

Signature

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Performing the Calculation

Signature: **Chipping Sparrow.**

Date range: **May 01, 2004 to May 01, 2004.**

Time range: **05:00 to 07:30.**

Perform Calculation



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GRIDS



Biophony Grid Portal

Your grid credential expires in 33 minutes.

Logon

Signature

Field Data

Calculation

Logoff

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Performing the Calculation

Signature: **Chipping Sparrow.**

Date range: **May 01, 2004 to May 01, 2004.**

Time range: **05:00 to 07:30.**

Workflow Status

initializing grid server connections
running cleanup
uploading input file
uploading matlab script
transferring field data
transferring signature file
running matlab analysis

Please Wait

Biophony Grid Portal

Your grid credential expires in 29 minutes.

Logon

Signature

Field Data

Calculation

Logoff

System Log

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Performing the Calculation

Signature: **Chipping Sparrow.**

Date range: **May 01, 2004 to May 01, 2004.**

Time range: **05:00 to 07:30.**

Index	Site	Time and Date	Correlation	
1	GH	Sat May 01 06:30:30 MDT 2004	0.49	Detail
2	GH	Sat May 01 07:00:30 MDT 2004	0.43	Detail
3	GH	Sat May 01 06:00:30 MDT 2004	0.26	Detail
4	GH	Sat May 01 07:30:30 MDT 2004	0.24	Detail
5	GH	Sat May 01 05:30:30 MDT 2004	0.21	Detail

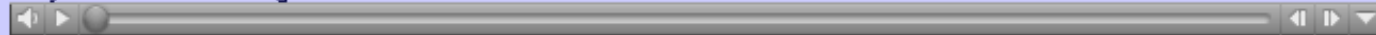
Perform Calculation

Logon

Details GH20040501-063030.wav

Signature

Play the field recording



Field Data

Calculation

Logoff

System Log

[\(printable version\)](#)

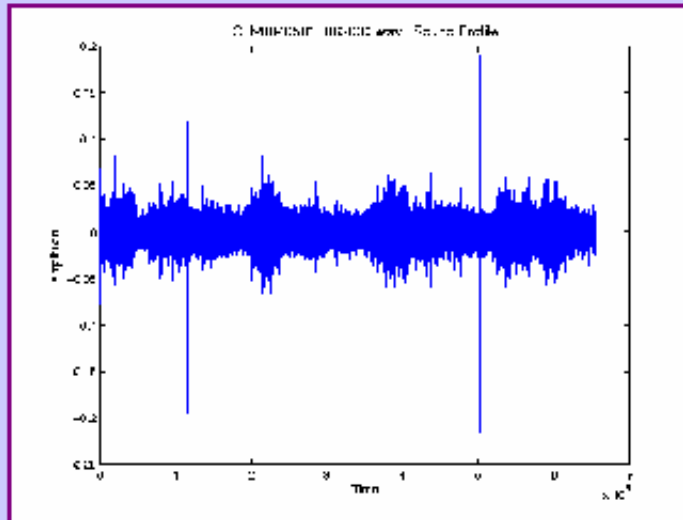
[System Config](#)

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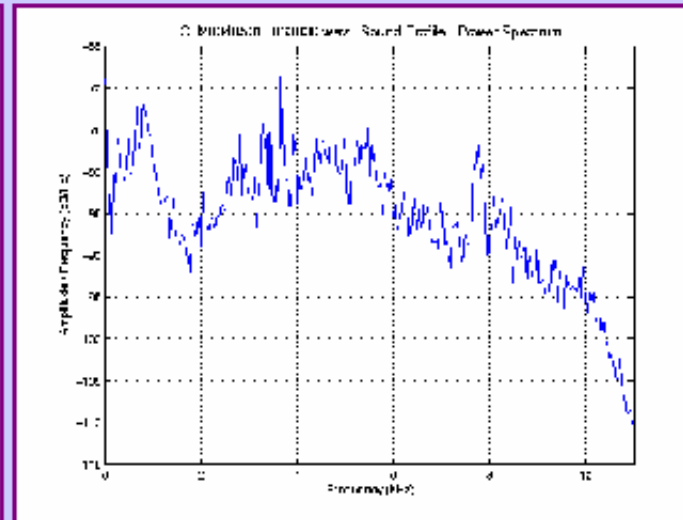
[Grid Router](#)

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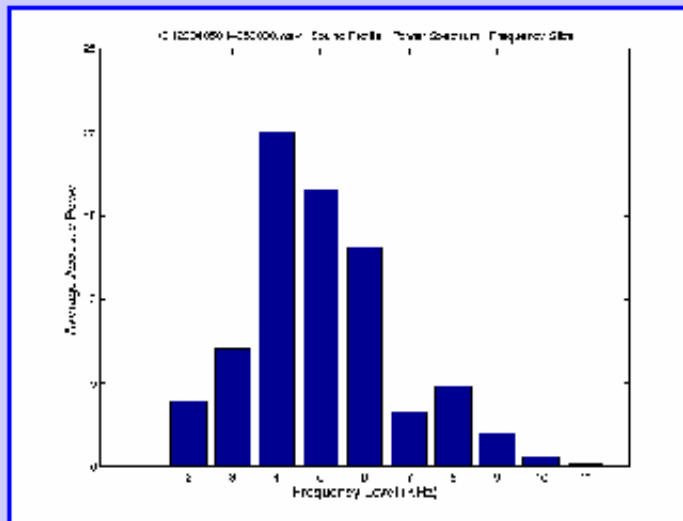
Sound Spectrum



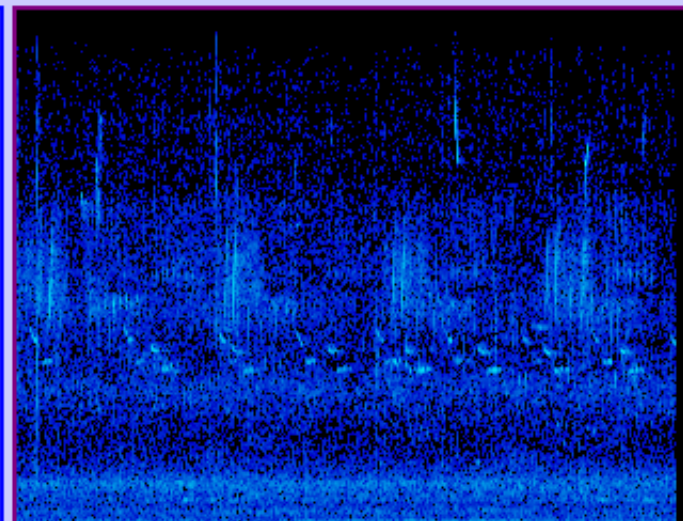
Power Spectrum



Frequency Bands

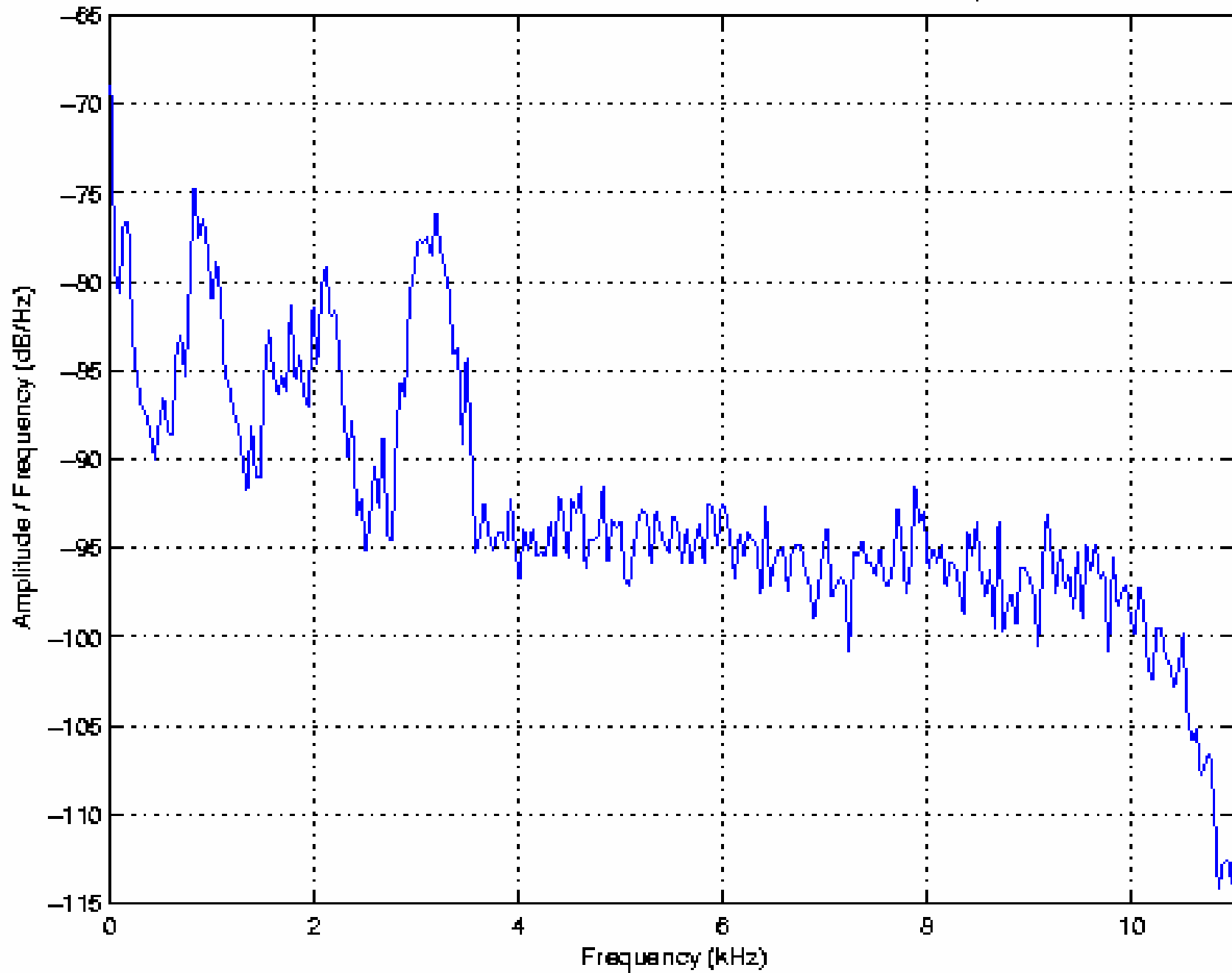


Spectrogram



click on images to enlarge

GH20040501-000030.wav Sound Profile Power Spectrum



Logon

System Log / Data Provenance Log

Signature

Number of Records:

Field Data

Calculation

Logoff

System Log

ID	Hostname	Priority	Date/Time	Message
98151	grid.matrix.msu.edu	notice	2005-09-20 10:19:34	GRID-FTP: DATE=20050920141934.301369 HOST=grid.matrix.msu.edu PROG=globus-gridftp-server NL.EVNT=FTP_INFO START=20050920141934.54107 USER=mfreemon FILE=/data/Signatures/Images/D11.bmp BUFFER=0 BLOCK=262144 NBYTES=7990 VOLUME=/ STREAMS=1 STRIPES=1 DEST=[129.24.124.180] TYPE=RETR CODE=226
98148	grid.matrix.msu.edu	notice	2005-09-20 10:19:21	GRID-FTP: DATE=20050920141920.728537 HOST=grid.matrix.msu.edu PROG=globus-gridftp-server NL.EVNT=FTP_INFO START=20050920141920.527873 USER=mfreemon FILE=/home/mfreemon/run_tar.jm BUFFER=0 BLOCK=262144 NBYTES=602 VOLUME=/ STREAMS=1 STRIPES=1 DEST=[129.24.124.180] TYPE=STOR CODE=226
97848	roadrunner.lternet.edu	notice	2005-09-20 08:15:26	CATALINA: MetaCat: the new session username : uid=mfreemon,o=LTER,dc=ecoinformatics,dc=org
97832	roadrunner.lternet.edu	notice	2005-09-20 08:14:44	METACAT: MetaCat: user [GSI DN: "/C=US/O=National Center for Supercomputing Applications/CN=Mike Freemon"; context present] try to login
97831	roadrunner.lternet.edu	notice	2005-09-20 08:14:44	METACAT: MetaCat: --- Action: login
97800	roadrunner.lternet.edu	notice	2005-09-20 08:14:43	CATALINA: MetaCat: the new session username : uid=mfreemon,o=LTER,dc=ecoinformatics,dc=org
97784	roadrunner.lternet.edu	notice	2005-09-20 08:14:43	METACAT: MetaCat: user [GSI DN: "/C=US/O=National Center for Supercomputing Applications/CN=Mike Freemon"; context present] try to login
97783	roadrunner.lternet.edu	notice	2005-09-20 08:14:43	METACAT: MetaCat: --- Action: login
97751	roadrunner.lternet.edu	notice	2005-09-20 08:14:43	myproxy-server: <30471> Delegating credentials for /C=US/O=National Center for Supercomputing Applications/CN=Mike Freemon lifetime=14400

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Test	Result	Response Time (ms)	Source
File Transfer	SUCCESS	4492	View Source
Gram Ping	SUCCESS	393	View Source
Gram No Gass	SUCCESS	1273	View Source
Gram with Gass	SUCCESS	1647	View Source
Workflow	SUCCESS	3121	View Source

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Current Route: **tune.ncsa.uiuc.edu**

Server Name	Number of Users	Queue 1 Minute	Queue 5 Minutes	Queue 15 Minutes
tuna.ncsa.uiuc.edu	1	1.26	1.50	0.88
tunb.ncsa.uiuc.edu	34	4.81	5.47	5.73
tunc.ncsa.uiuc.edu	1	0.00	0.00	0.00
tund.ncsa.uiuc.edu	16	0.19	0.32	0.26
tune.ncsa.uiuc.edu	32	0.62	0.69	0.47
tunf.ncsa.uiuc.edu	1	0.00	0.00	0.00

Statistics Last Updated: Mon Nov 28 14:07:33 MST 2005

Update Statistics

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Change Route

