

Anlage 8 zum

**Rahmenbetriebsplan gemäß § 52 Abs. 2a BBergG für den
„Kiessandtagebau Großer Anger“**

B e r i c h t z u E r g e b n i s s e n b i o l o g i s c h e r U n t e r s u c h u n g e n

Anhang 4/2 – Filterkonfigurationen in AnalookW

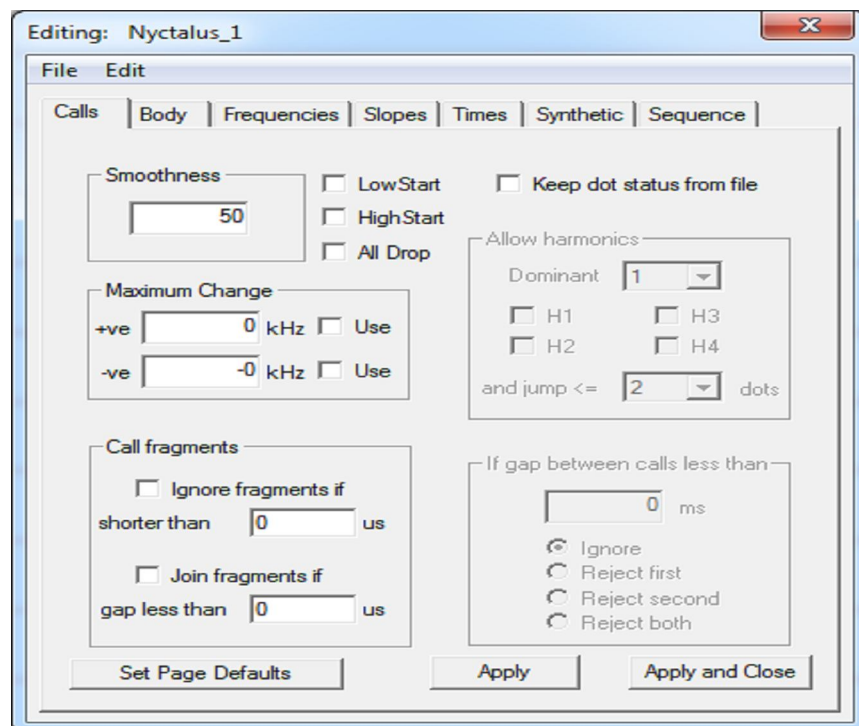


Abbildung 1 : Filterkonfiguration Kategorie "Nyctaloid": Einstellung "Calls".

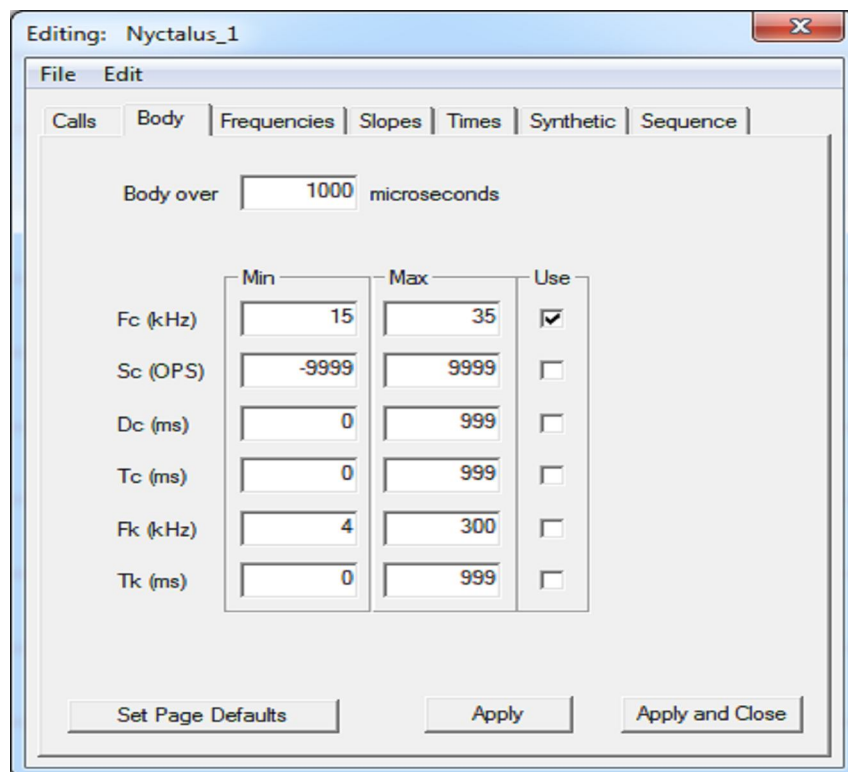


Abbildung 2 : Filterkonfiguration Kategorie "Nyctaloid": Einstellung "Body".

	Min	Max	Use
Fmin (kHz)	15	35	<input checked="" type="checkbox"/>
Fmax (kHz)	4	300	<input type="checkbox"/>
Sweep (kHz)	0	300	<input type="checkbox"/>
Fmean (kHz)	4	300	<input type="checkbox"/>

Abbildung 3: Filterkonfiguration Kategorie "Nyctaloid": Einstellung "Frequencies".

	Min	Max	Use
S1 (OPS)	-9999	9999	<input type="checkbox"/>

Abbildung 4: Filterkonfiguration Kategorie "Nyctaloid": Einstellung "Slopes".

The screenshot shows a software window titled "Editing: Nyctalus_1" with a menu bar containing "File" and "Edit". Below the menu bar are several tabs: "Calls", "Body", "Frequencies", "Slopes", "Times", "Synthetic", and "Sequence". The "Times" tab is currently selected. The main area of the window contains a table with three columns: "Min", "Max", and "Use". The first row is labeled "Dur (ms)" and has values "2", "100", and a checked checkbox. At the bottom of the window are three buttons: "Set Page Defaults", "Apply", and "Apply and Close".

	Min	Max	Use
Dur (ms)	2	100	<input checked="" type="checkbox"/>

Abbildung 5: Filterkonfiguration Kategorie "Nyctaloid": Einstellung "Times".

The screenshot shows the same software window "Editing: Nyctalus_1", but now the "Synthetic" tab is selected. The table in the main area has the same structure, but the first row is labeled "Pmc (%)" and has values "0", "9999", and an unchecked checkbox. The buttons at the bottom remain the same: "Set Page Defaults", "Apply", and "Apply and Close".

	Min	Max	Use
Pmc (%)	0	9999	<input type="checkbox"/>

Abbildung 6 : Filterkonfiguration Kategorie "Nyctaloid": Einstellung "Synthetic".

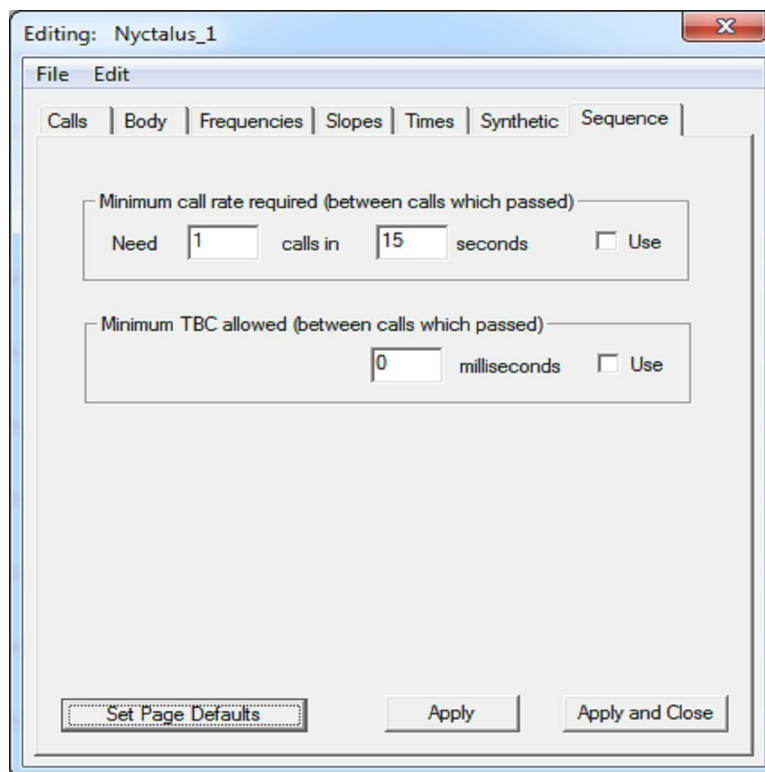


Abbildung 7 : Filterkonfiguration Kategorie "Nyctaloid": Einstellung "Sequence".

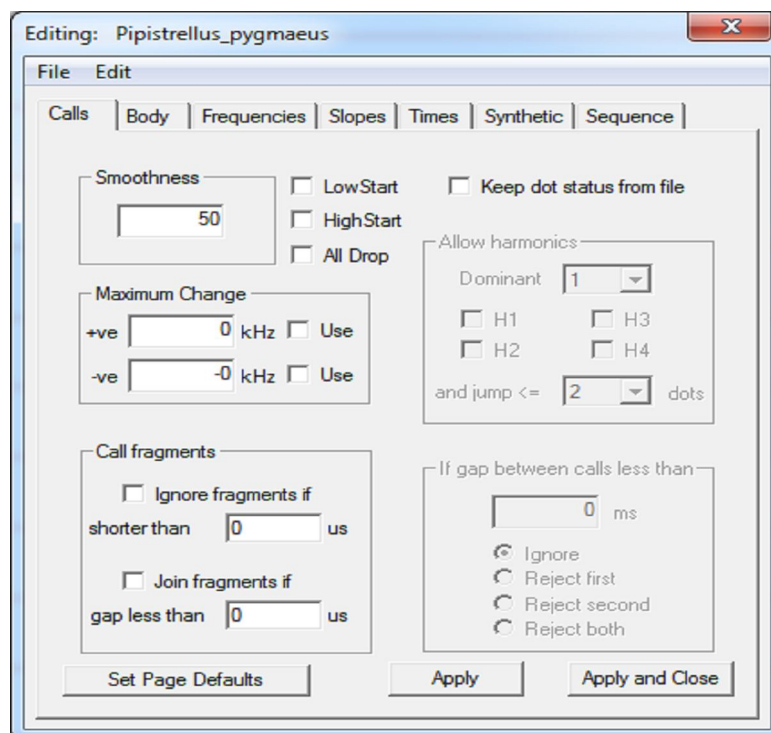


Abbildung 8 : Filterkonfiguration Kategorie "Pipistrellus pygmaeus": Einstellung "Calls".

The screenshot shows a software window titled 'Editing: Pipistrellus_pygmaeus'. It has a menu bar with 'File' and 'Edit'. Below the menu bar are tabs: 'Calls', 'Body', 'Frequencies', 'Slopes', 'Times', 'Synthetic', and 'Sequence'. The 'Body' tab is selected. The main area contains a 'Body over' field set to '1000' with the unit 'microseconds'. Below this is a table with columns 'Min', 'Max', and 'Use'. The rows are: Fc (kHz) with Min 15, Max 120, and Use checked; Sc (OPS) with Min -9999, Max 9999, and Use unchecked; Dc (ms) with Min 0, Max 999, and Use unchecked; Tc (ms) with Min 0, Max 999, and Use unchecked; Fk (kHz) with Min 4, Max 300, and Use unchecked; and Tk (ms) with Min 0, Max 999, and Use unchecked. At the bottom are three buttons: 'Set Page Defaults', 'Apply', and 'Apply and Close'.

	Min	Max	Use
Fc (kHz)	15	120	<input checked="" type="checkbox"/>
Sc (OPS)	-9999	9999	<input type="checkbox"/>
Dc (ms)	0	999	<input type="checkbox"/>
Tc (ms)	0	999	<input type="checkbox"/>
Fk (kHz)	4	300	<input type="checkbox"/>
Tk (ms)	0	999	<input type="checkbox"/>

Abbildung 9 : Filterkonfiguration Kategorie "*Pipistrellus pygmaeus*": Einstellung "Body".

The screenshot shows the same software window, but with the 'Frequencies' tab selected. The main area contains a table with columns 'Min', 'Max', and 'Use'. The rows are: Fmin (kHz) with Min 55, Max 75, and Use checked; Fmax (kHz) with Min 4, Max 300, and Use unchecked; Sweep (kHz) with Min 0, Max 300, and Use unchecked; and Fmean (kHz) with Min 4, Max 300, and Use unchecked. At the bottom are three buttons: 'Set Page Defaults', 'Apply', and 'Apply and Close'.

	Min	Max	Use
Fmin (kHz)	55	75	<input checked="" type="checkbox"/>
Fmax (kHz)	4	300	<input type="checkbox"/>
Sweep (kHz)	0	300	<input type="checkbox"/>
Fmean (kHz)	4	300	<input type="checkbox"/>

Abbildung 10 : Filterkonfiguration Kategorie "*Pipistrellus pygmaeus*": Einstellung "Frequencies". Die Einstellungen "Slopes", "Times", "Synthetic" und "Sequence" entsprechen denen der Kategorie "Nyctaloid"

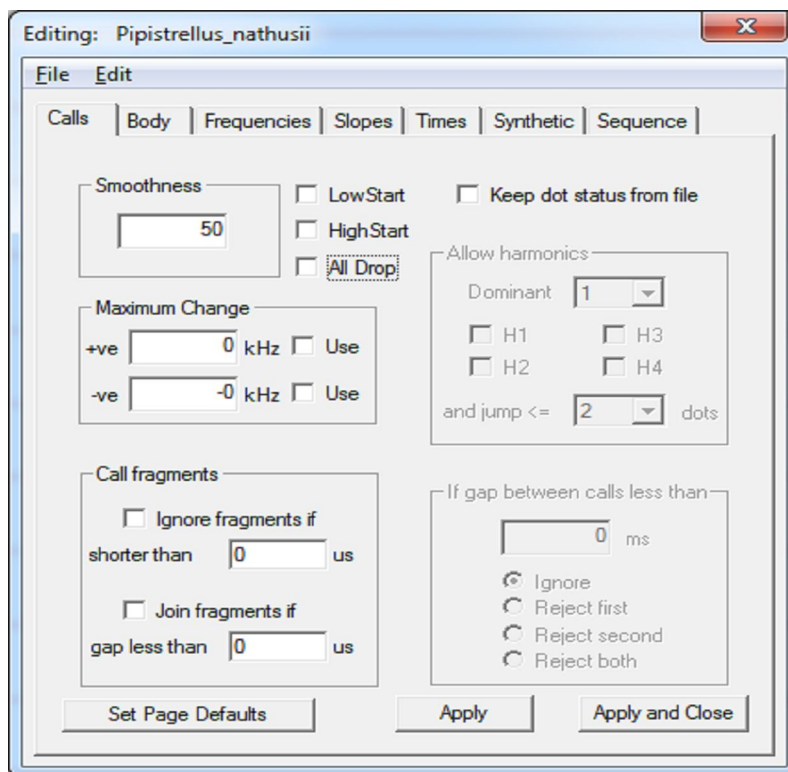


Abbildung 11 : Filterkonfiguration Kategorie "*Pipistrellus nathusii*": Einstellung "Calls".

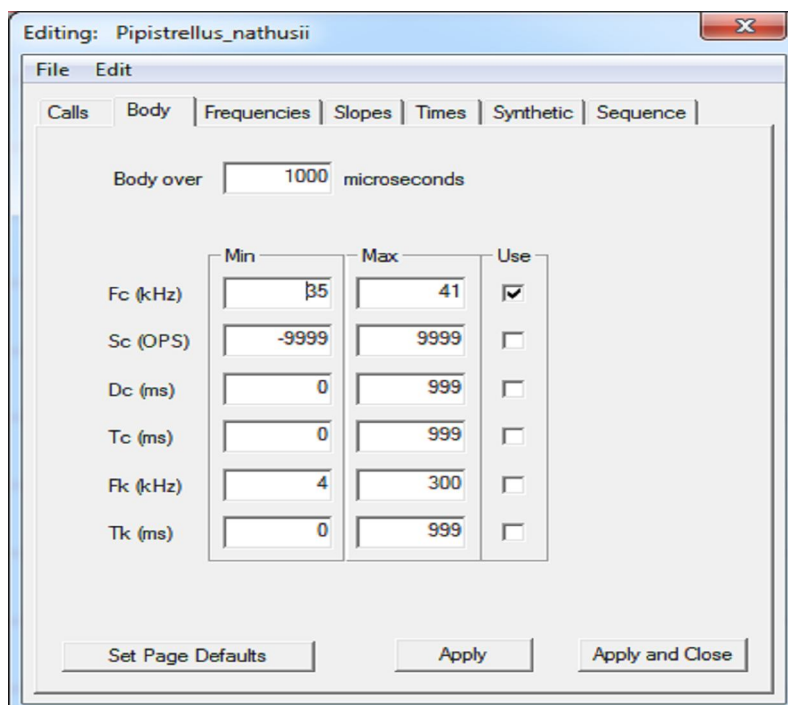


Abbildung 12 : Filterkonfiguration Kategorie "*Pipistrellus nathusii*": Einstellung "Body".

The screenshot shows a software window titled 'Editing: Pipistrellus_nathusii'. It has a menu bar with 'File' and 'Edit'. Below the menu bar are tabs: 'Calls', 'Body', 'Frequencies', 'Slopes', 'Times', 'Synthetic', and 'Sequence'. The 'Frequencies' tab is selected. It contains a table with four rows of frequency parameters. Each row has a label, a 'Min' column, a 'Max' column, and a 'Use' checkbox.

	Min	Max	Use
Fmin (kHz)	35	41	<input checked="" type="checkbox"/>
Fmax (kHz)	0	0	<input type="checkbox"/>
Sweep (kHz)	0	300	<input type="checkbox"/>
Fmean (kHz)	4	300	<input type="checkbox"/>

At the bottom of the window are three buttons: 'Set Page Defaults', 'Apply', and 'Apply and Close'.

Abbildung 13 : Filterkonfiguration Kategorie "*Pipistrellus nathusii*": Einstellung "Frequencies". Die Einstellungen "Slopes", "Times", "Synthetic" und "Sequence" entsprechen denen der Kategorie "Nyctaloid"

The screenshot shows a software window titled 'Editing: Pipistrellen_1'. It has a menu bar with 'File' and 'Edit'. Below the menu bar are tabs: 'Calls', 'Body', 'Frequencies', 'Slopes', 'Times', 'Synthetic', and 'Sequence'. The 'Calls' tab is selected. It contains two sections for call rate and TBC settings. Each section has a label, input fields for 'Need' and 'calls in', a unit, and a 'Use' checkbox.

Minimum call rate required (between calls which passed)

Need	calls in	seconds	Use
1	15		<input type="checkbox"/>

Minimum TBC allowed (between calls which passed)

	milliseconds	Use
0		<input type="checkbox"/>

At the bottom of the window are three buttons: 'Set Page Defaults', 'Apply', and 'Apply and Close'.

Abbildung 14 : Filterkonfiguration Kategorie "*Pipistrellus spec.*": Einstellung "Calls".

Editing: Pipistrellen_1

File Edit

Calls Body Frequencies Slopes Times Synthetic Sequence

Body over 1000 microseconds

	Min	Max	Use
Fc (kHz)	15	120	<input checked="" type="checkbox"/>
Sc (OPS)	-9999	9999	<input type="checkbox"/>
Dc (ms)	0	999	<input type="checkbox"/>
Tc (ms)	0	999	<input type="checkbox"/>
Fk (kHz)	4	300	<input type="checkbox"/>
Tk (ms)	0	999	<input type="checkbox"/>

Set Page Defaults Apply Apply and Close

Abbildung 15 : Filterkonfiguration Kategorie "*Pipistrellus spec.*": Einstellung "Body".

Editing: Pipistrellen_1

File Edit

Calls Body Frequencies Slopes Times Synthetic Sequence

	Min	Max	Use
Fmin (kHz)	38	65	<input checked="" type="checkbox"/>
Fmax (kHz)	4	300	<input type="checkbox"/>
Sweep (kHz)	0	300	<input type="checkbox"/>
Fmean (kHz)	4	300	<input type="checkbox"/>

Set Page Defaults Apply Apply and Close

Abbildung 16 : Filterkonfiguration Kategorie "*Pipistrellus spec.*": Einstellung "Frequencies". Die Einstellungen "Slopes", "Times", "Synthetic" und "Sequence" entsprechen denen der Kategorie "Nyctaloid"