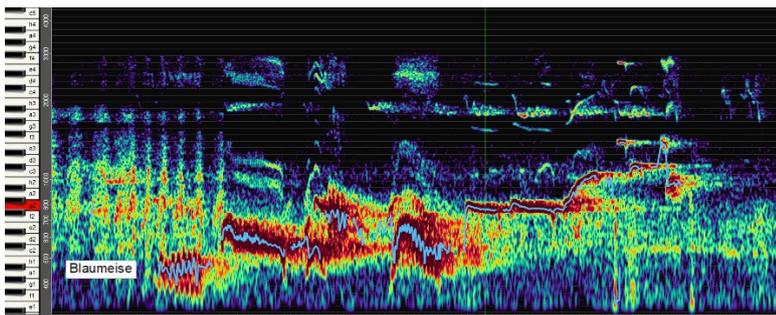
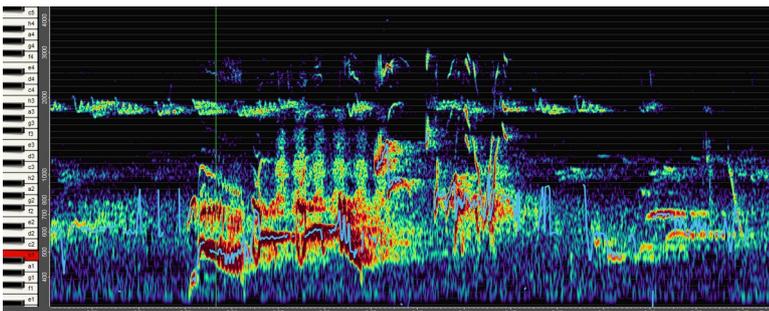
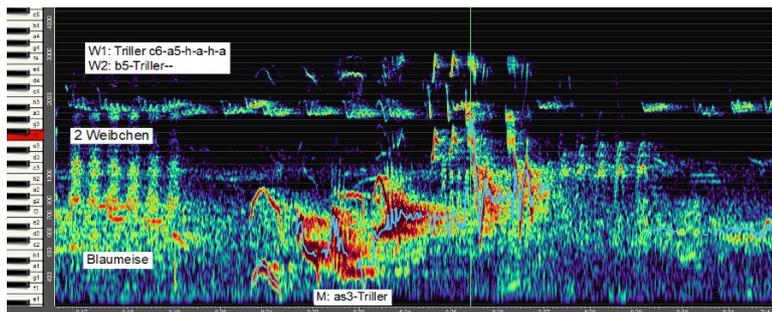
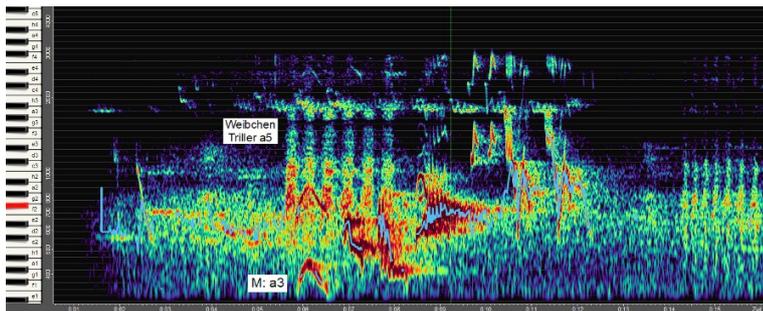
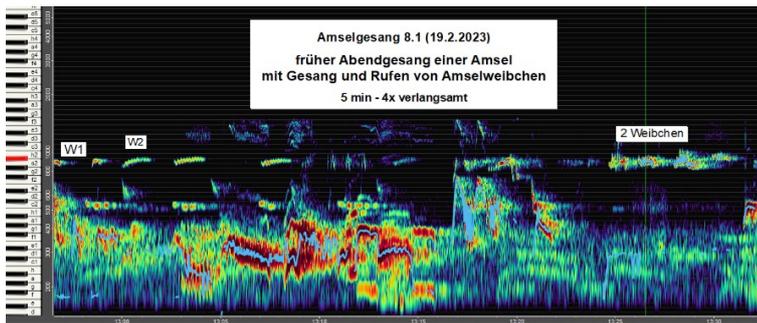
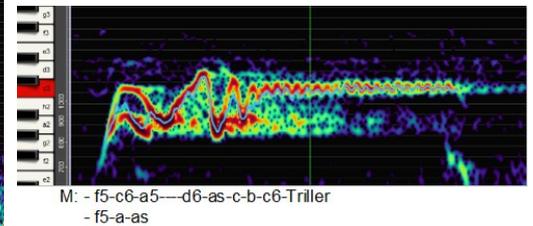
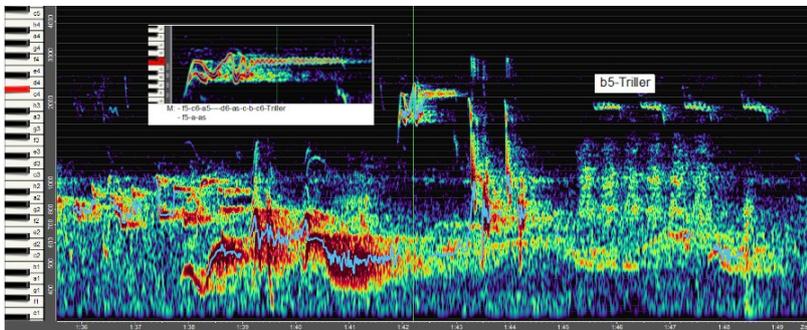
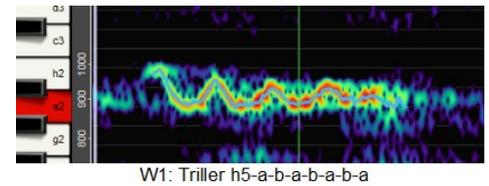
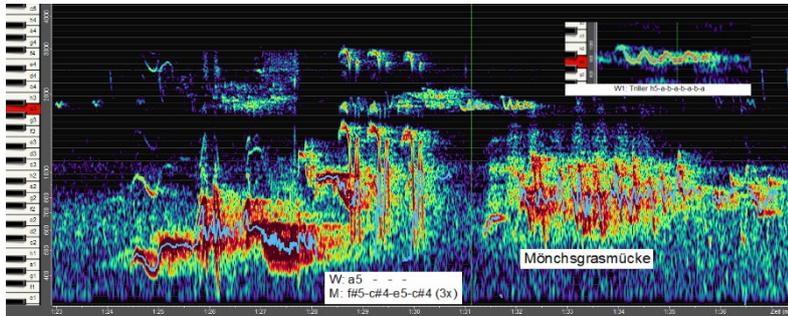
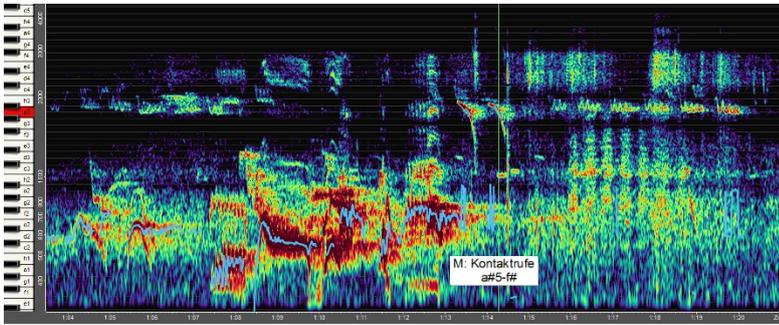


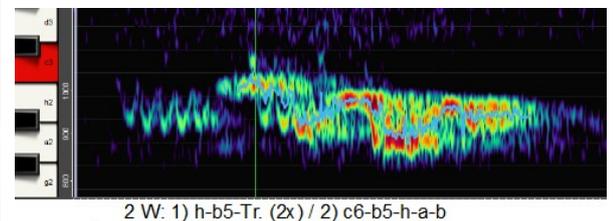
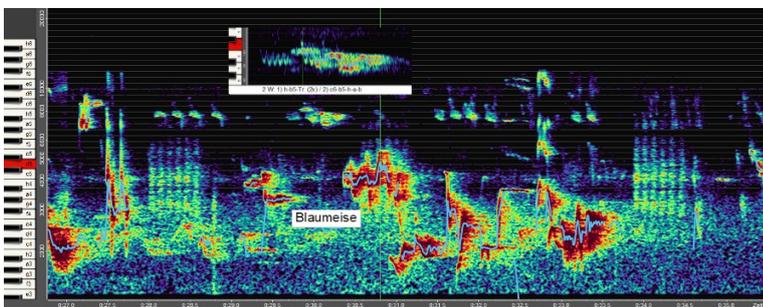
Amselgesang 8.1 (19.2.2023) - früher Abendgesang einer Amsel mit Gesang und Rufen von 3 Amselweibchen - 5 min - 4x verlangsamt

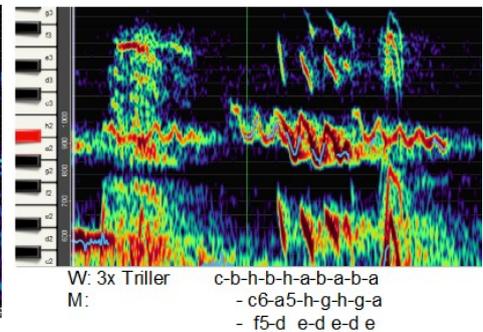
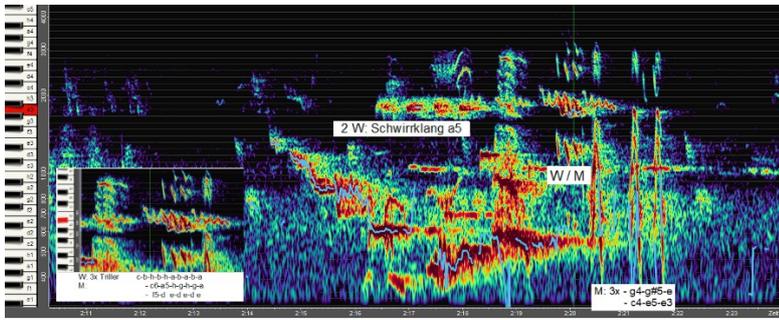
<https://youtu.be/kZQiQ8kKxjl>





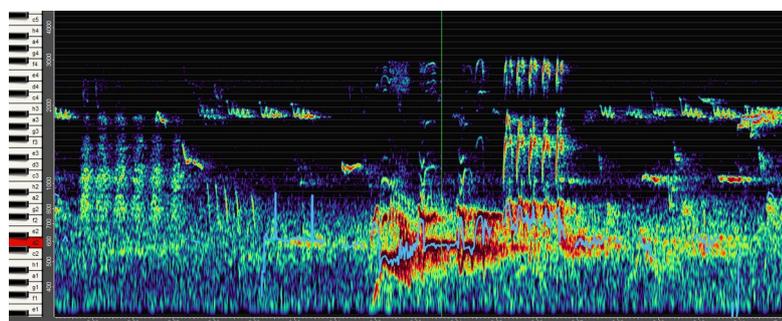
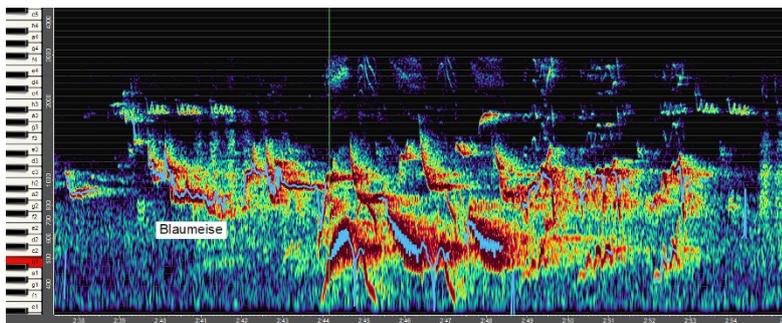
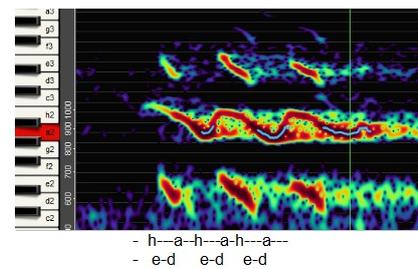
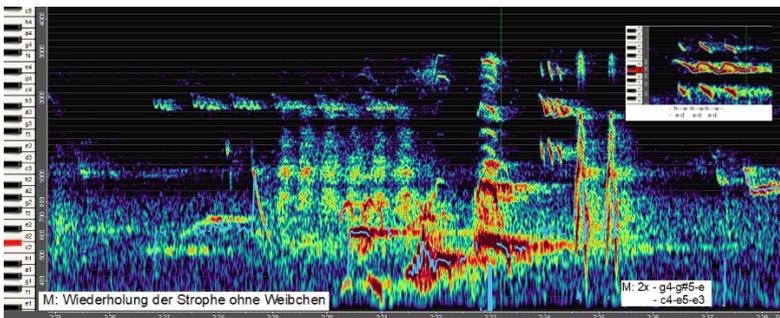
Eine ganz besondere Klangfigur des Männchens, die ich noch in keinem Amselgesang gefunden habe. Erst das 2-stimmige Glissando bis d6, was ungewöhnlich hoch für den Gesang eines Amselmännchens ist, und dann auch noch ein schneller Triller auf dem "Hohen C" des Amselgesangs bei 9000 Hz (128 Triller pro s), dessen eingeschränkte Klangqualität sicher der extreme Lage geschuldet ist. Man hört einen gewissen Druck auf der Stimme mit Luft im Klang, d.h.der Klang drückt wohl eine sehr hohe Erregung aus, als wollte er die Ohren der Weibchen in deren vertrautem Gesangsbereich extrem reizen. In den 70 Strophen dieses 5-minütigen Abendgesangs taucht diese hohe Lage nur 10x auf. Dieses Motiv ist ein echter "Stimmfühlgungsgesang" in der 3. Phase einer Strophe, mit dem das Männchen im Frequenzbereich von 6-9000 Hz über den Gesang Fühlung aufnimmt mit Stimme und Gehör der Weibchen.

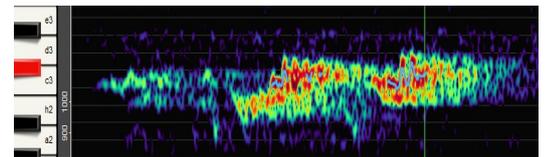
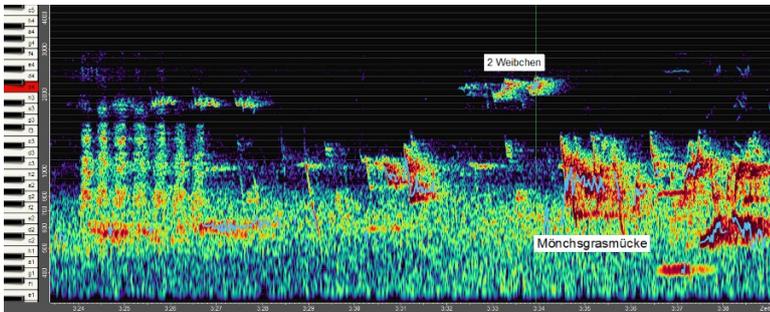
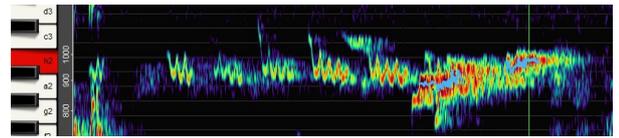
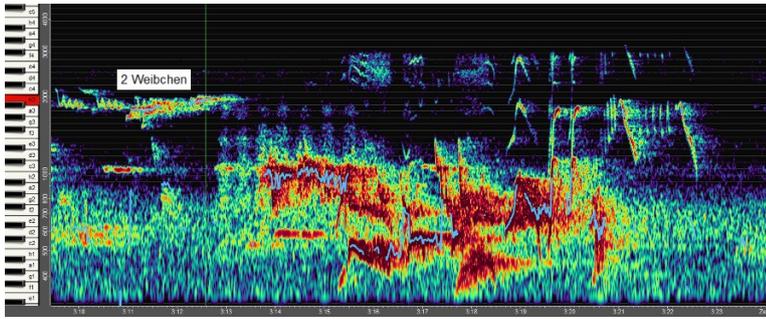




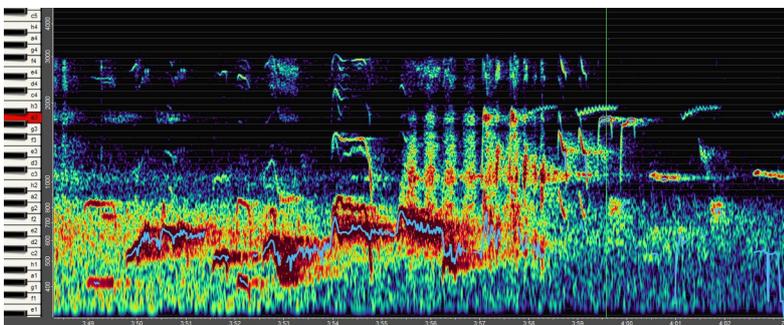
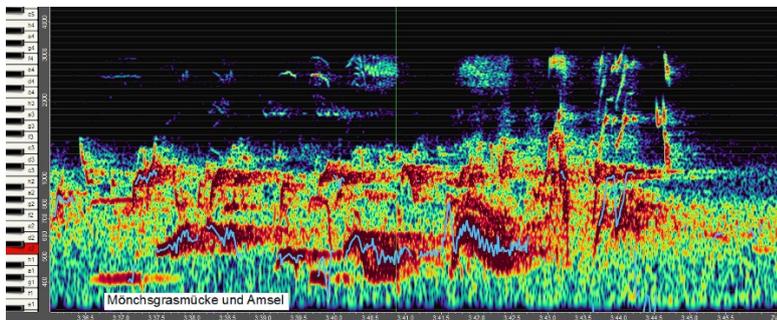
Das ist ein weiterer echter Stimmföhlungsgesang von Männchen und Weibchen. Nach einer kurzen Melodiephase und einem heftigen Erregungsmotiv springt das Männchen mit einem 2-stimmigen Triller in die hohe Lage bei 4-8000 Hz und hängt unmittelbar noch 3 blitzschnelle 2-stimmige Glissandi durch 1½ Oktaven an (c4-g5 - 2-6000 Hz). Parallel zu der Melodiephase von M produzieren 2 Weibchen fast gleichzeitig erst 3 sehr schnelle und heftige Schwirrlänge, dann läßt W2 noch zwei weitere folgen, während W1 im gleichen Rhythmus 4 aparte Triller anstimmt, abschwellend von c6-b5 nach b-a. Das Unglaubliche ist nun, daß das Männchen mitten in seinem Gesang exakt in den Rhythmus und die Figur des 2. Trillers von W1 hinein seinen korrespondierenden 2-stimmigen Triller einfügt, bevor er zum 3. Triller von W zu den 3 Glissandi ansetzt.

In die Pause vor der nächsten Strophe hinein beginnt W1 eine Kette seiner Triller aus der vorherigen Strophe (c-b-h-b-a-b), nun etwas leiser, zu denen das Männchen die vorherige Strophe nochmal wiederholt, mit seinem 2-stimmigen Triller in hoher Lage und diesmal noch 2 schnellen Glissandi.

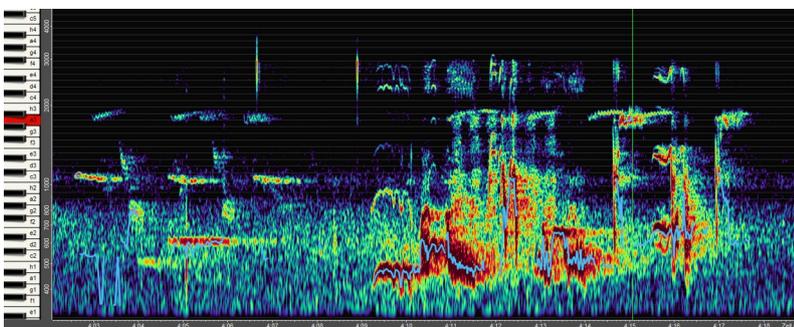


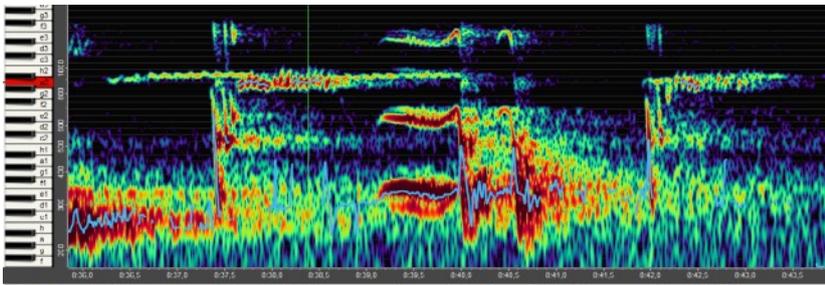


W: Triller h5

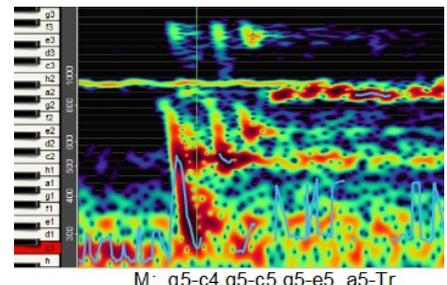


W: Triller a5-b /M: a5- a5-

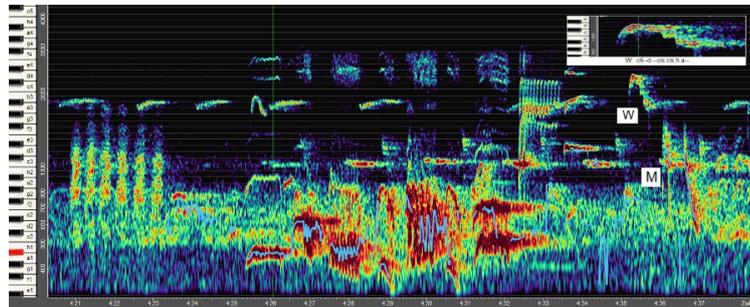




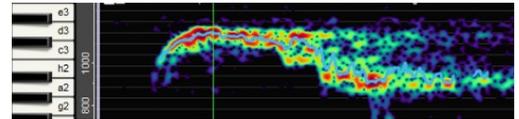
W: 2x b5 Triller / M: ||| a5 Triller e4----- 2 Intervall-Triller || a5 Triller



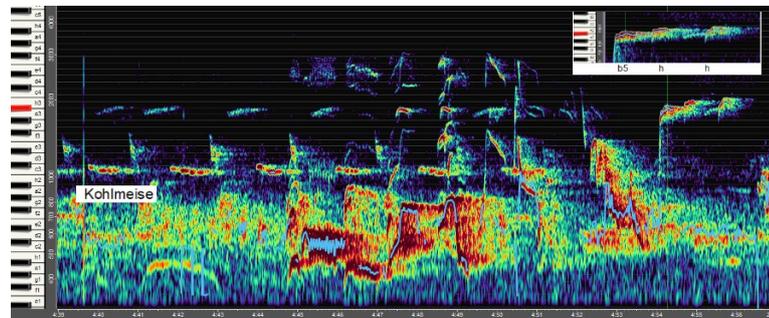
M: g5-c4 g5-c5 g5-e5 a5-Tr.



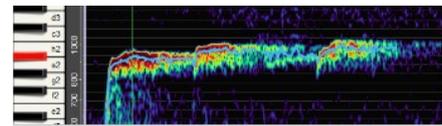
W1: a-b5-Tr. W2: a5-h-g#



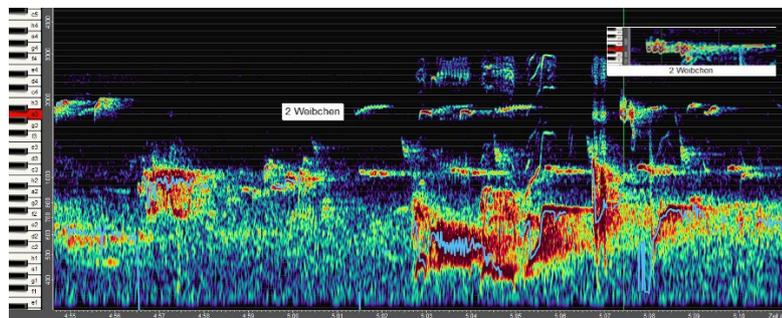
W: c6--d--cis cis h a--



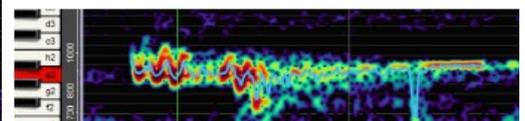
Kohlmeise



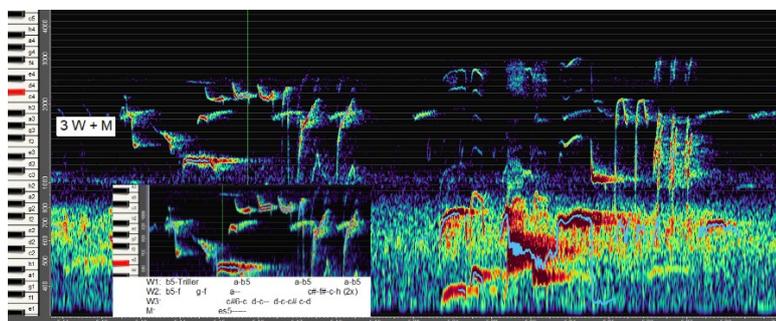
b5 h h



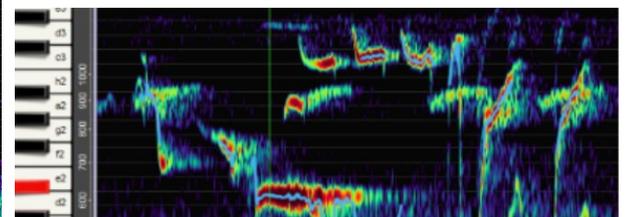
2 Weibchen



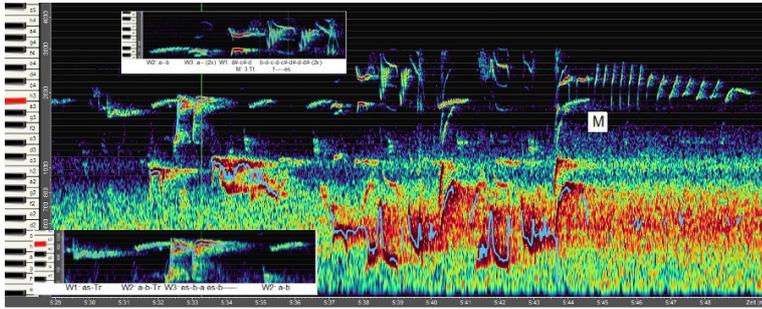
2 Weibchen



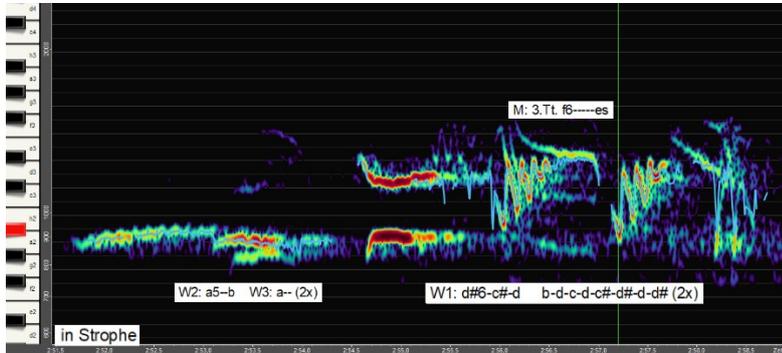
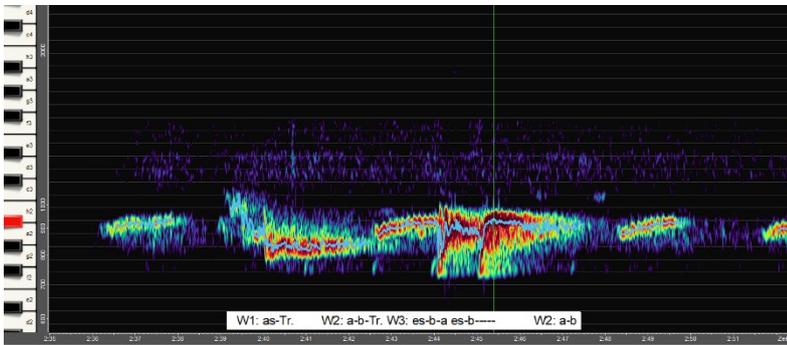
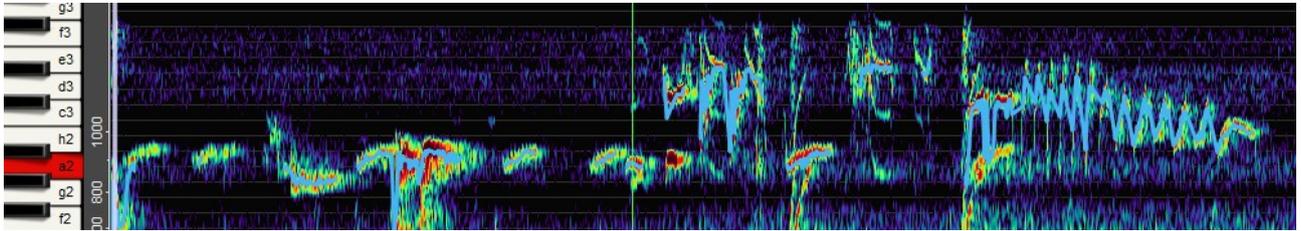
zwischen 2 Strophen: ein "Chorgesang" von 3 Weibchen



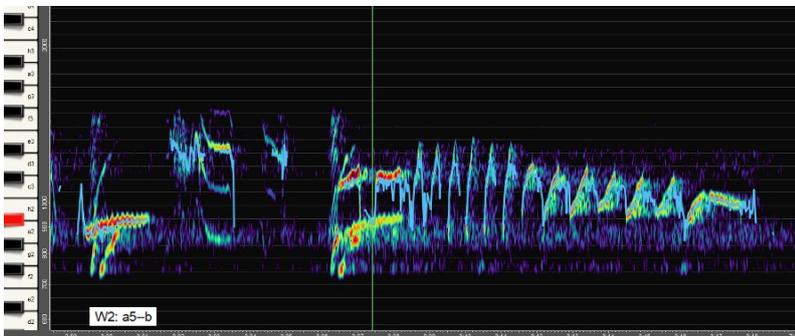
W1: a-b5-Triller a-b-- a-b-- a-b--
W2: a-b-c-b-f a-- f-a-c f-a-c
W3: d6-c- d-c- d-c-- h-d
M: es 4--d--



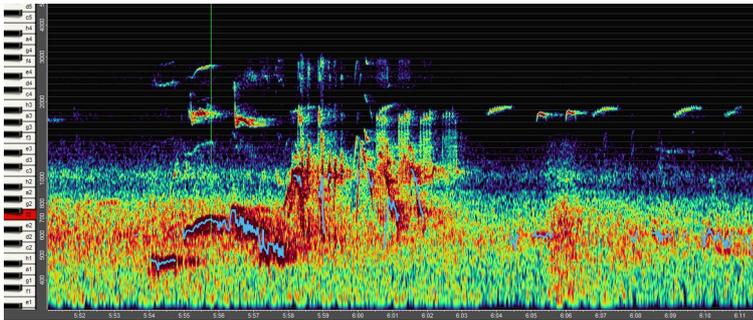
3 Weibchen vor und in der Strophe



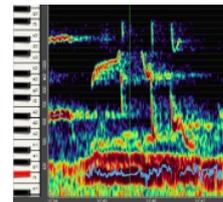
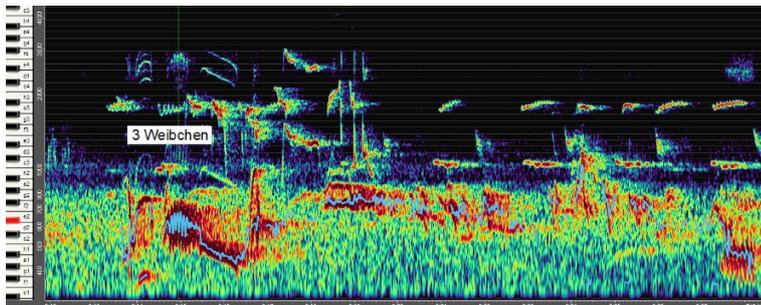
das es6 am Ende des Trillers von W = 3. Teilton as3 von M



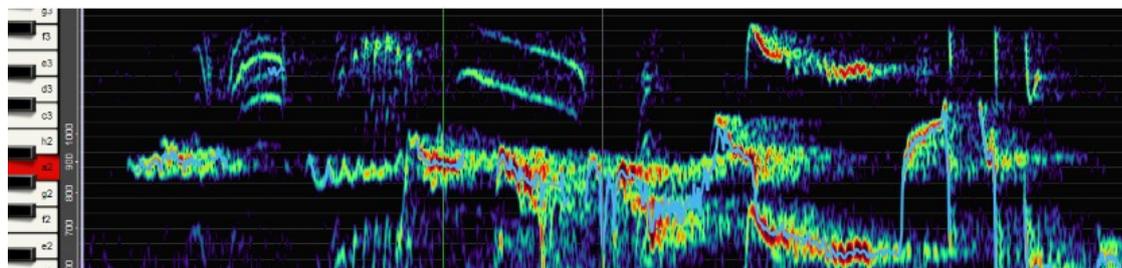
am Ende der Strophe hohe Erregungslaute des Männchens



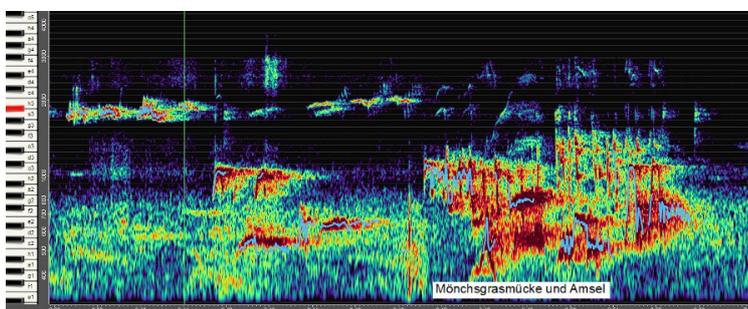
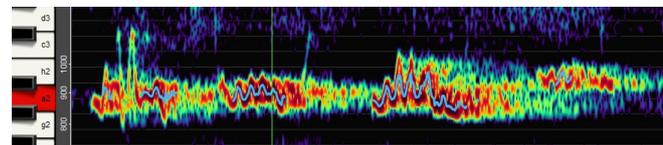
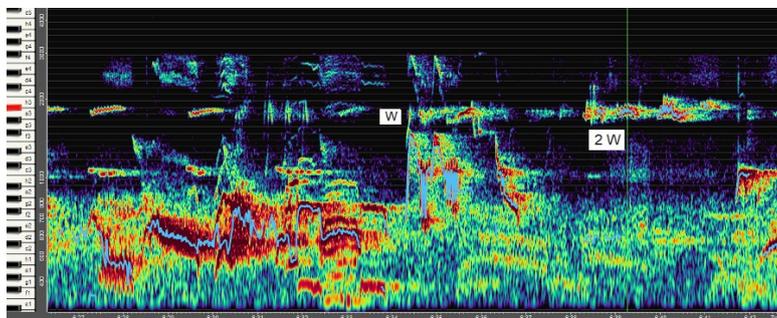
vorbeifahrendes Auto

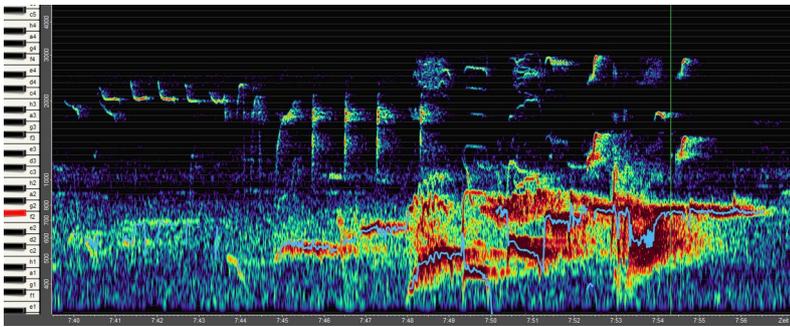
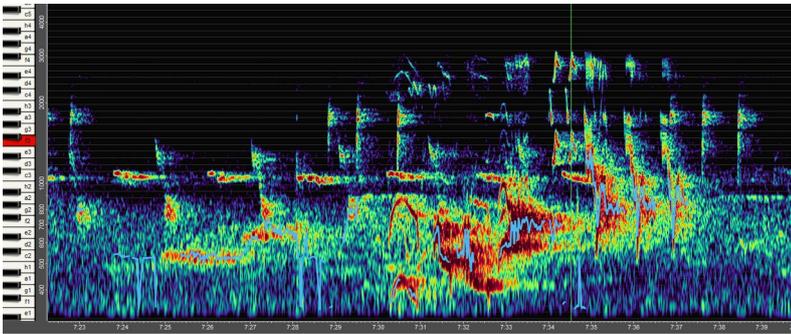
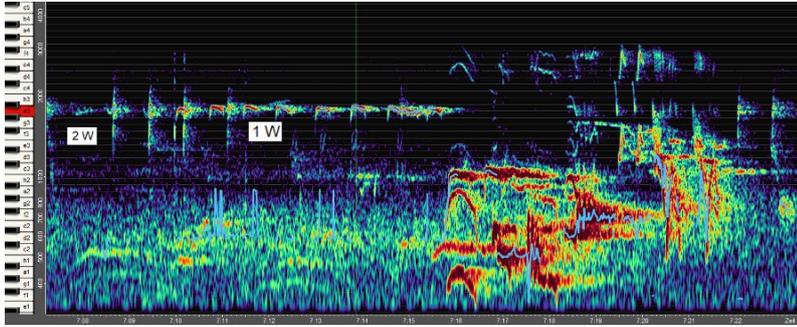
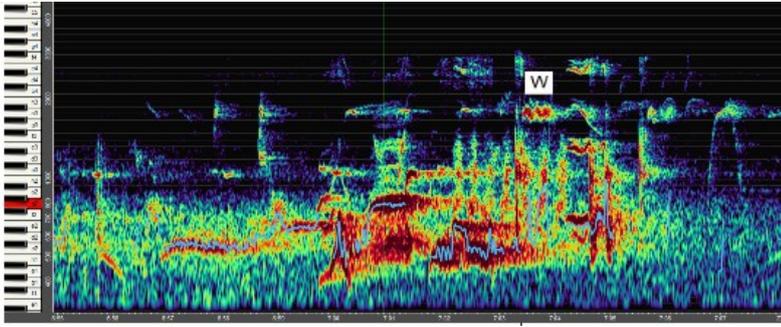


W: a--c# c#6-a c#5
M: fis4/a4-----



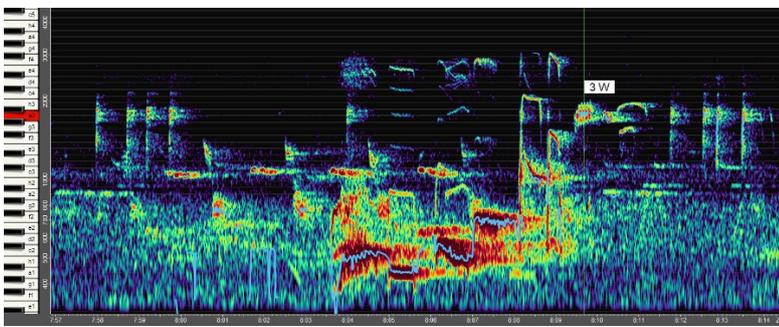
W1 W2 W3 (M: h3-a3) W/M M: h5-a f#-e d#--- W: a--c# c#6-a c#5
(M: fis4/a4-----)



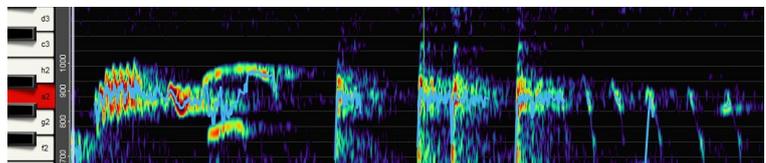


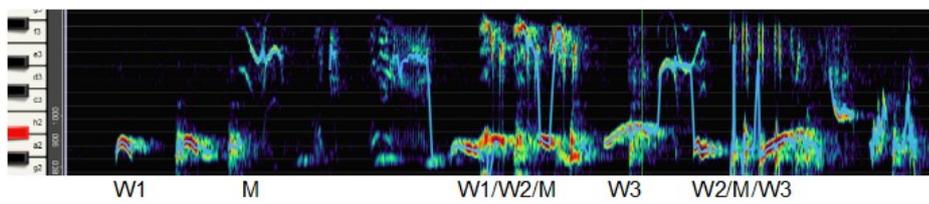
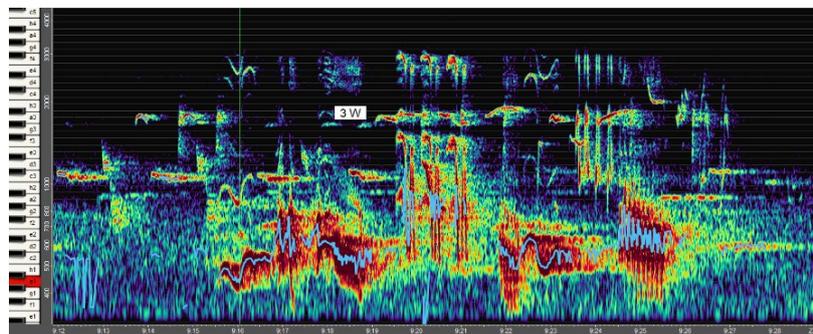
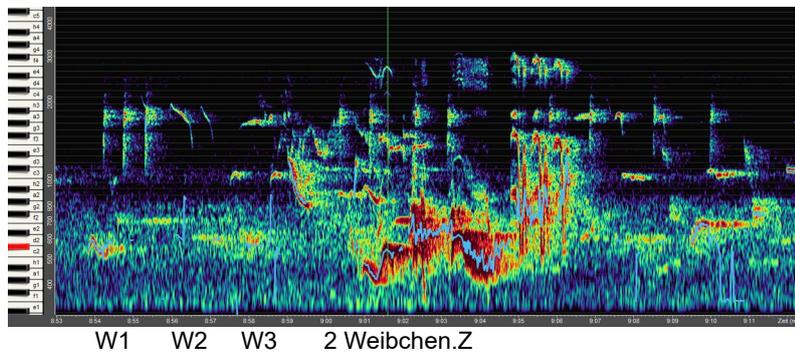
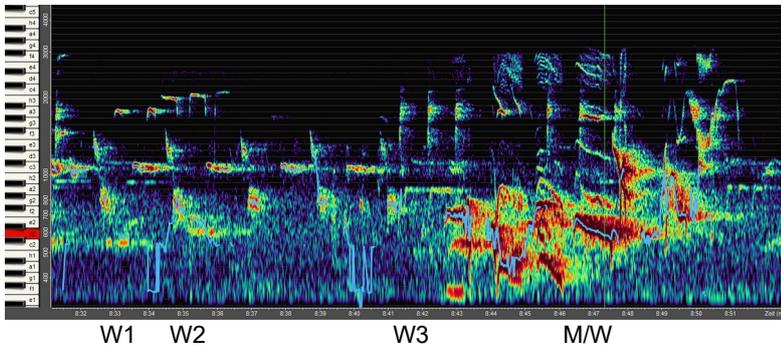
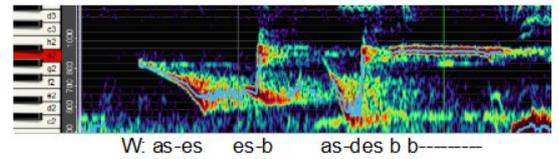
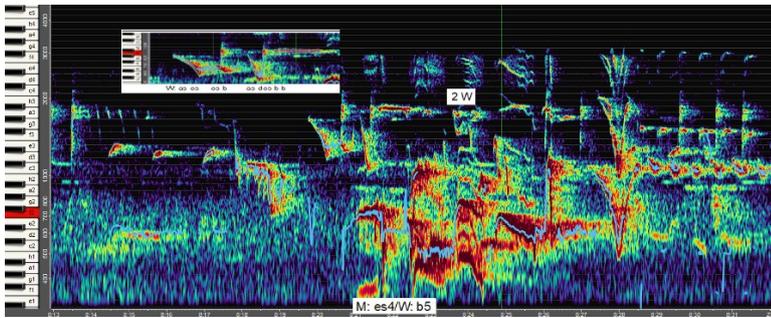
W1

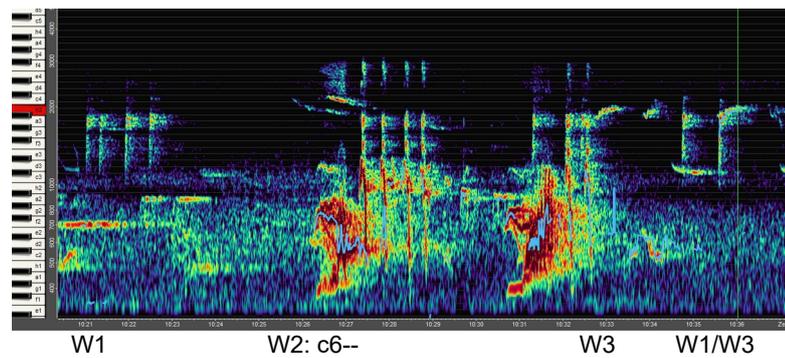
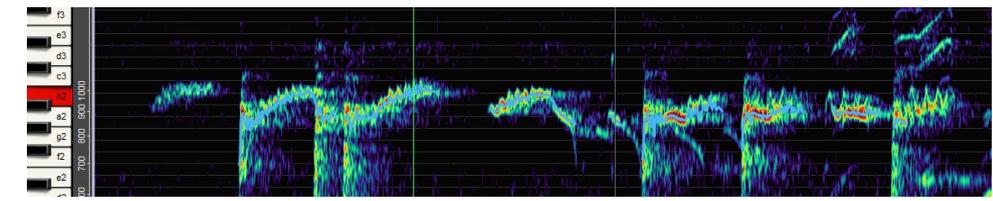
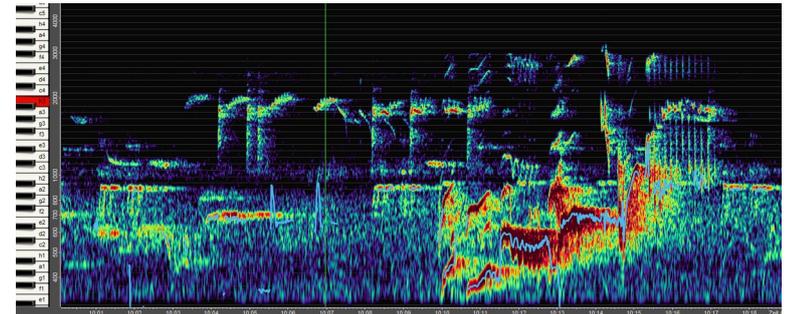
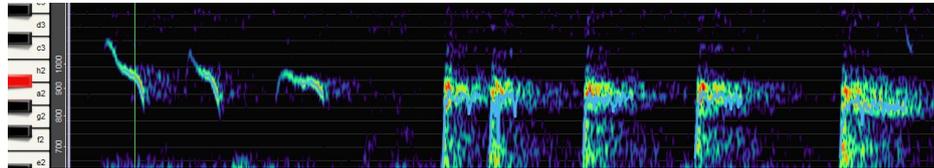
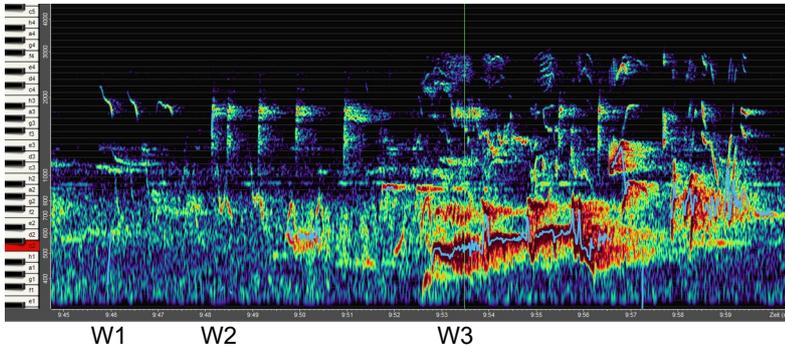
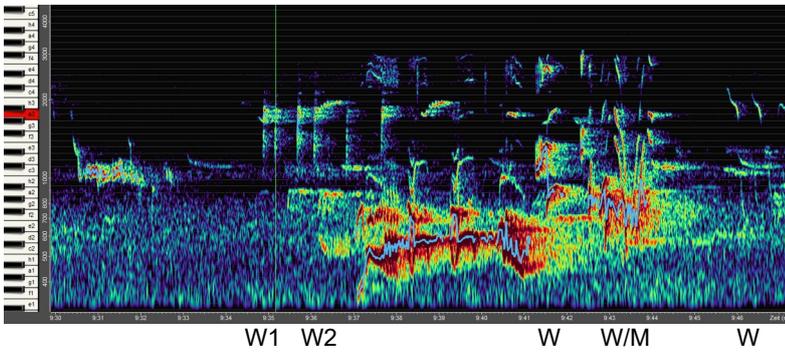
W2

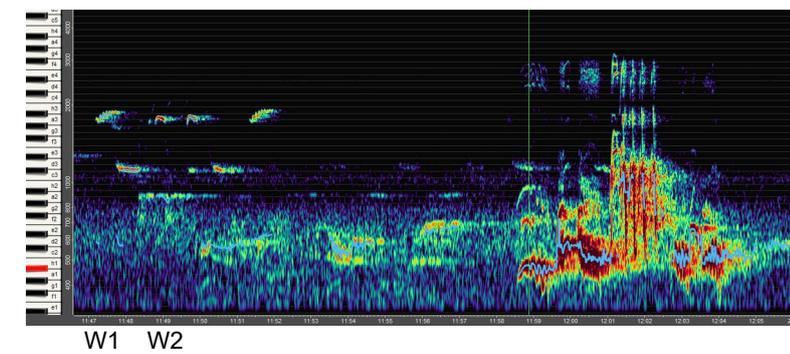
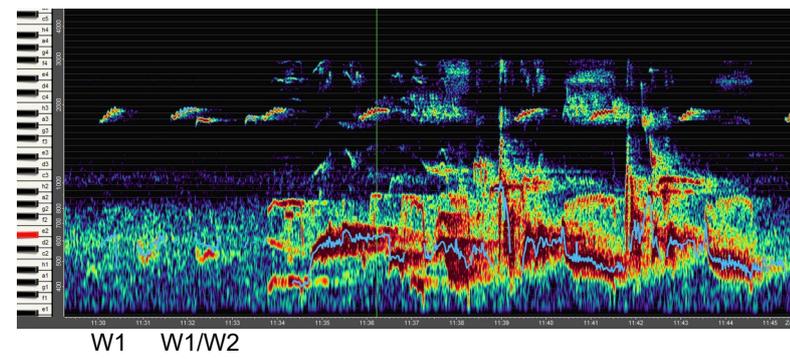
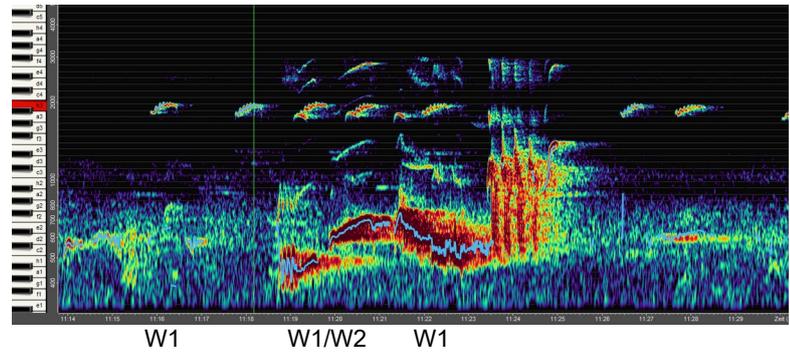
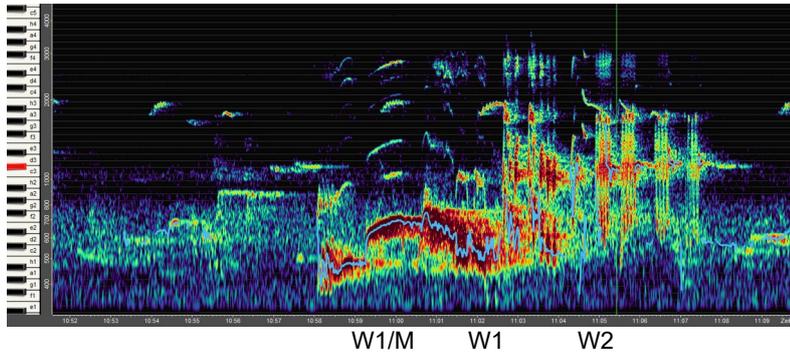
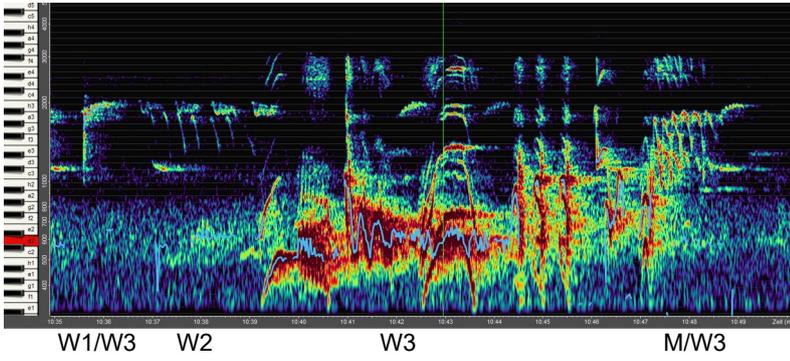


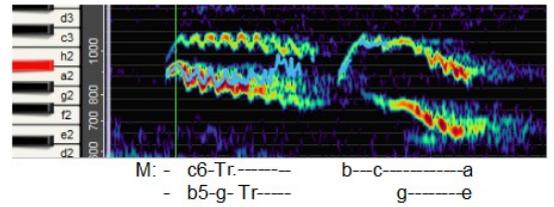
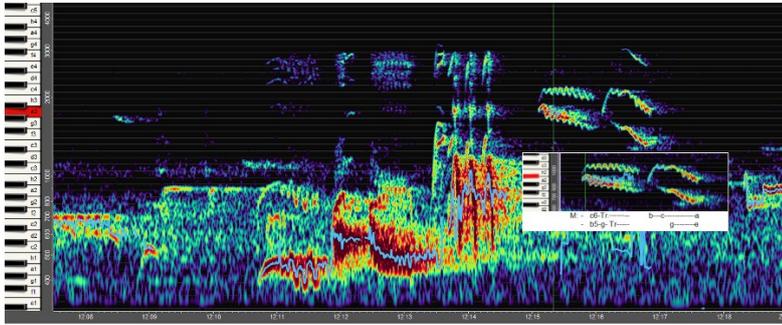
W2





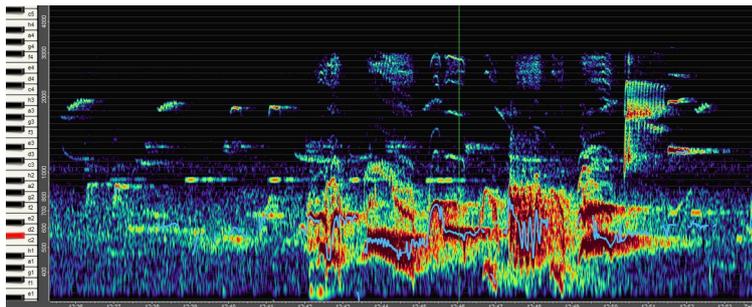
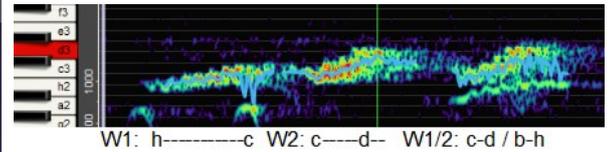
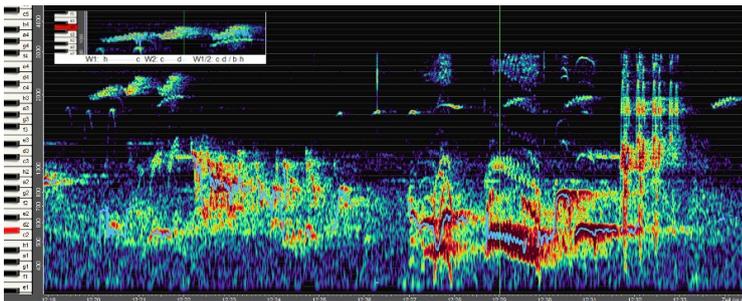




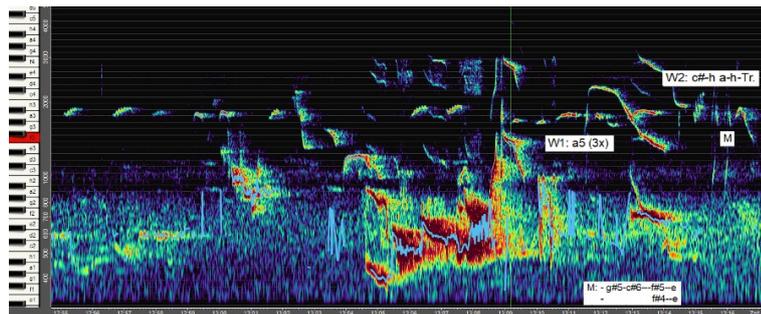


eine typische komplette Strophe in Kurzform:

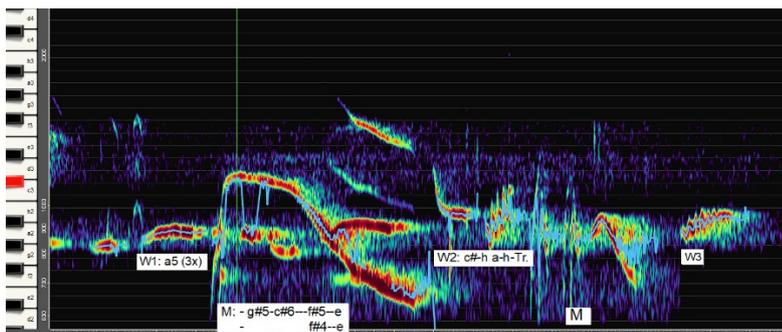
1) Melodiephase - 3 Trillerklänge b3 - d4 - d4-b3--, 2) Erregungsmotiv, 3) Stimmföhlungs-gesang
 Einen solchen wunderschönen 2-stimmigen Triller in der Gesangslage der Weibchen habe ich noch nie gefunden in den Gesängen von 15 verschiedenen Amseln.



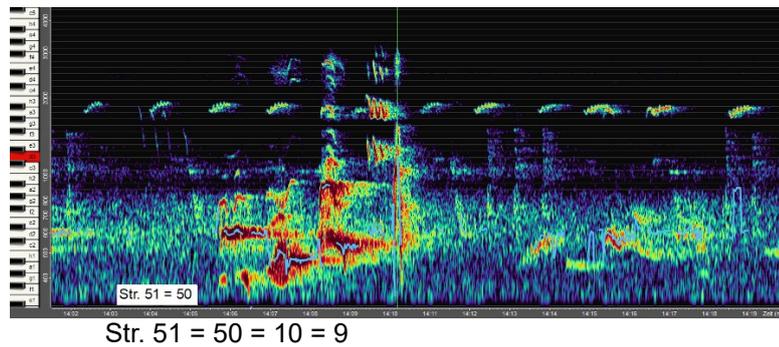
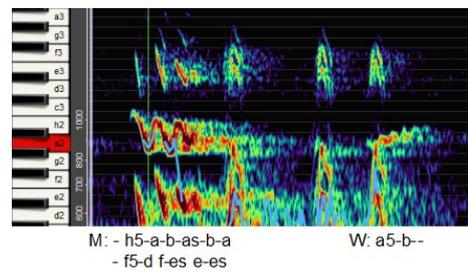
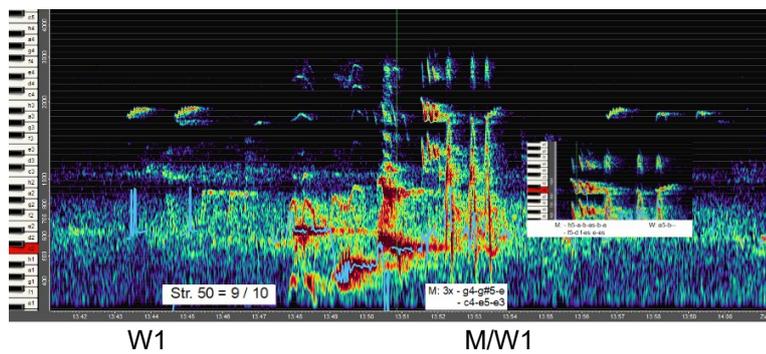
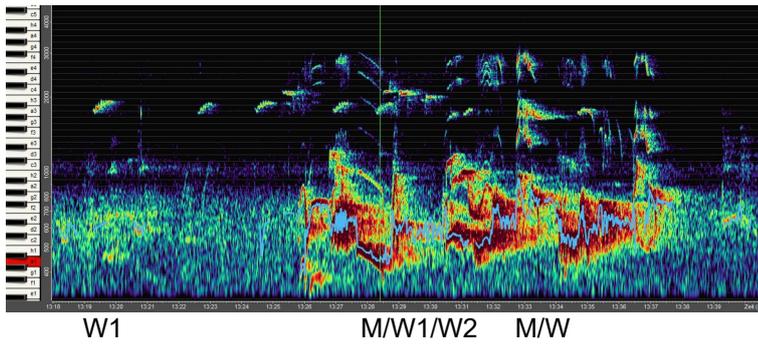
W1 W2 M/W



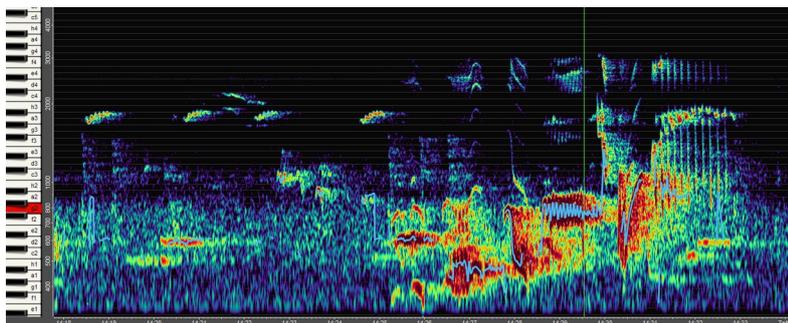
W1 W2 2-st. Stimmföhlungs-gesang von M und 3 W

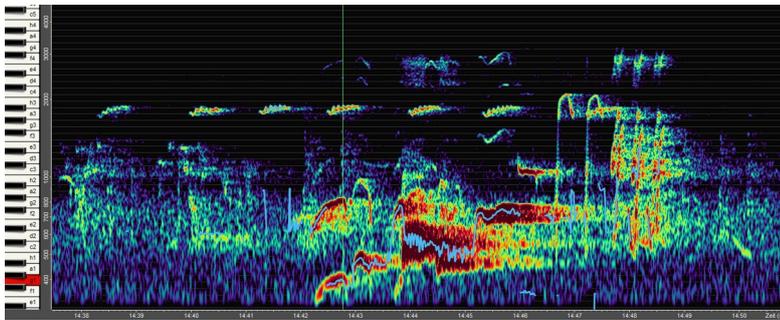


Die Oberstimme des 2-stimmigen Gesangs (gis5-cis6----fis5--e) liegt in der "weiblichen" Gesangslage, sie beginnt auf der Höhe von W1, steigt über die Klänge der Weibchen sehr hoch bis cis6 zurück nach fis5, da setzt die Unterstimme in der "männlichen" Gesangslage 1 Oktave tiefer ein und gleitet in Oktavparallele vom fis4 zum e4. Zum Abschluß der Strophe gibt es nach dem Gesang von W2 noch 2 kürzere Erregungslaute von M, bevor nach kurzer Pause W3 mit ihrem Triller a5-b-- wieder einsetzt.

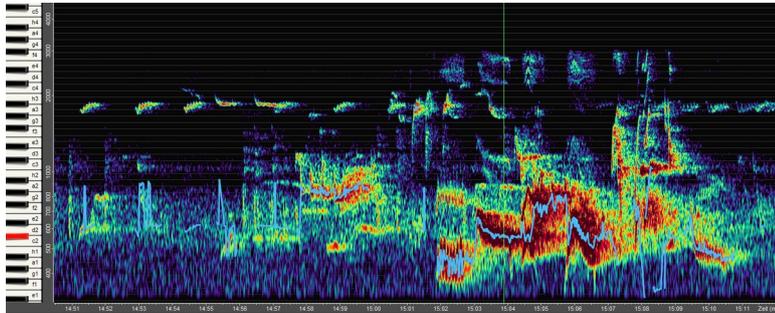


Str. 51 = 50 = 10 = 9

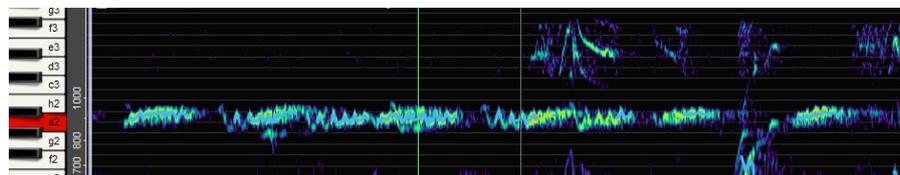
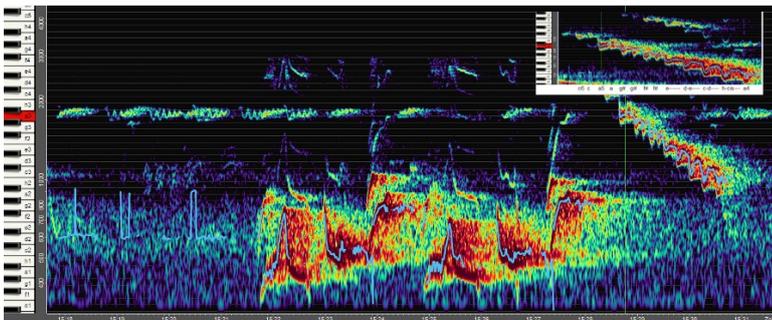




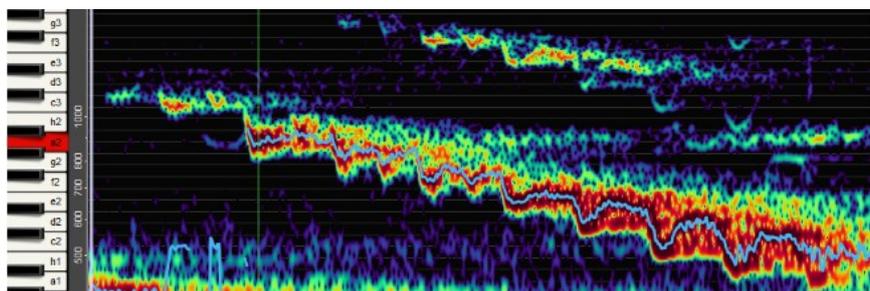
M / W



W1 W2 W1/W3

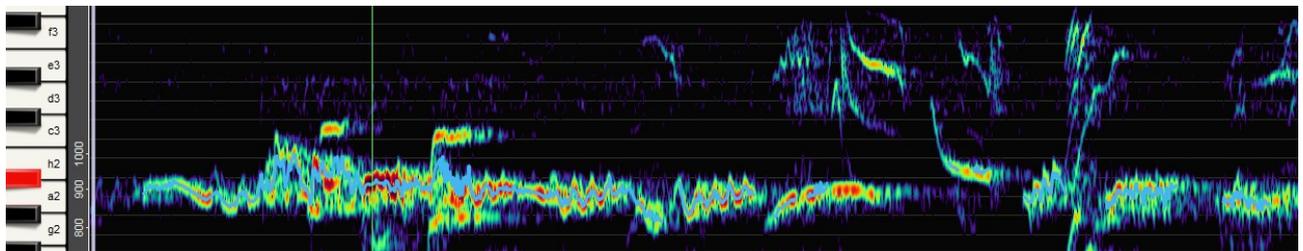
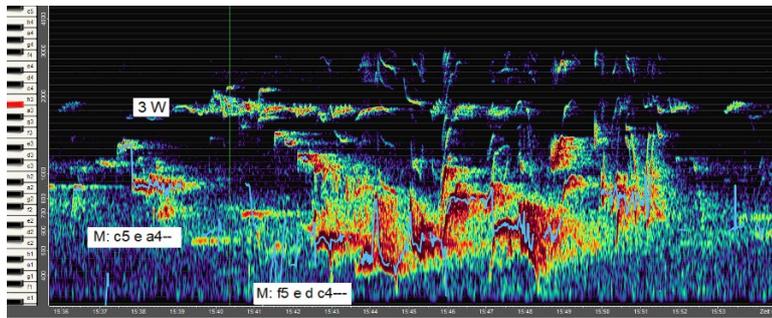


W1: a-b---- Tr. / W2: h-a Triller

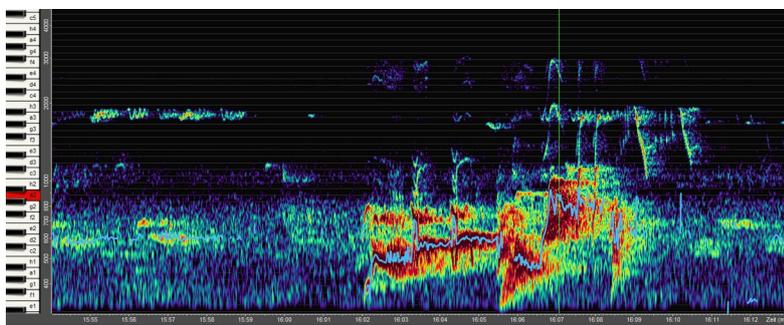


c6 c a5 a g# g# f# f# e---- d-e--- c-d--- h-cis-- a4

Nach den sich überlappenden Trillern von W1 und W2 wiederholt das Männchen eine kräftige 3-teilige Melodiephrase und dann springt er überraschend direkt in die hohe Lage der Weibchen und zaubert eine faszinierende Tonfolge abwärts hervor, die auf besondere Weise musikalisch gestaltet ist. Man kann diese Ton- bzw. Klangfolge als A-Dur-Tonleiter abwärts hören, die sich allmählich steigert von kurzen Tonrepetitionen zu einer Folge von ausladenden Glissandobögen wie auch in der Lautstärke anschwellend. Dazu wiederholt W2 kontinuierlich ihren feinen h5-a-Triller.

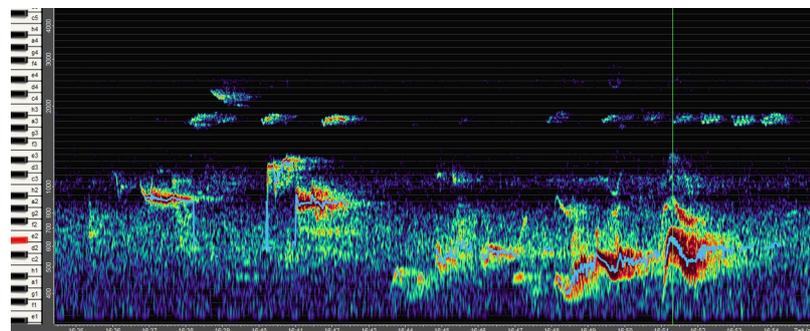
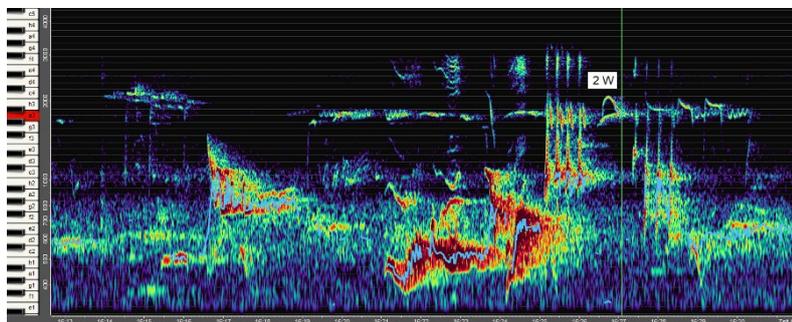


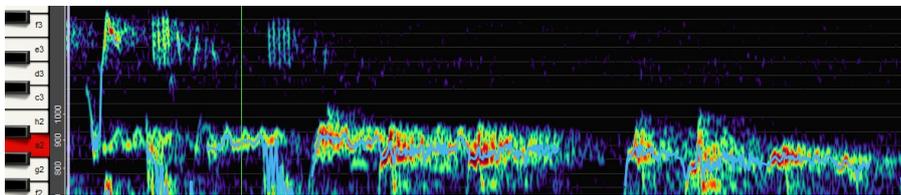
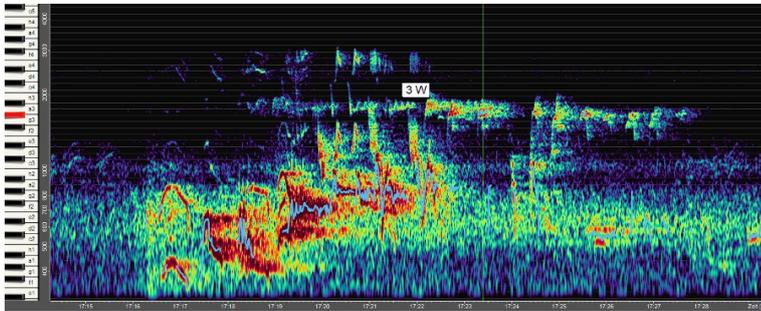
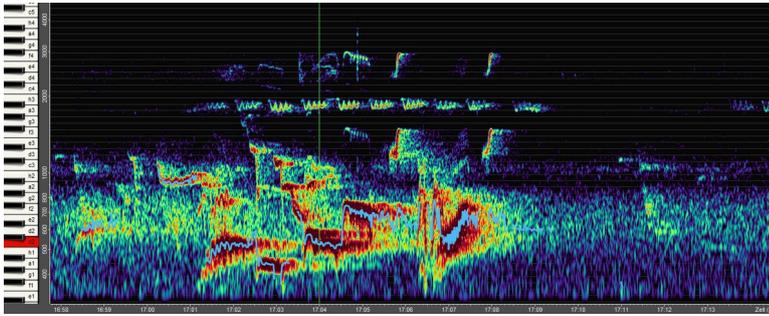
3 Weibchen



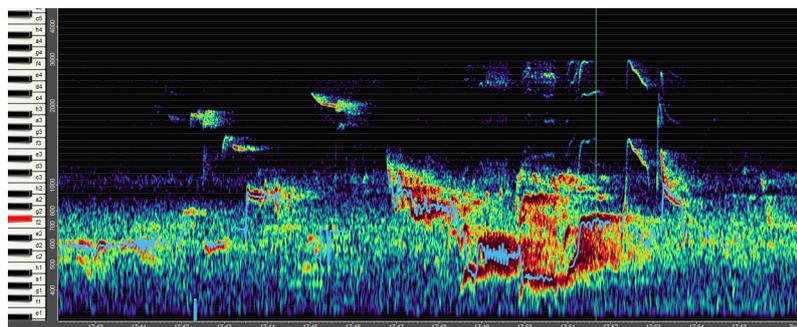
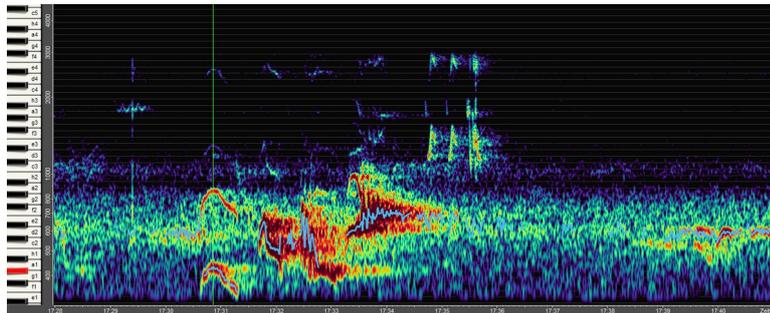
W1 / W2

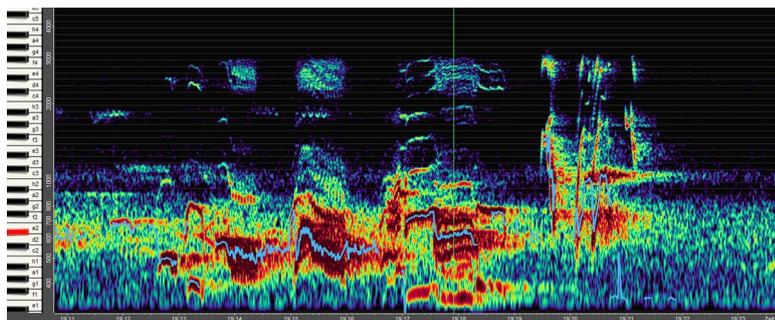
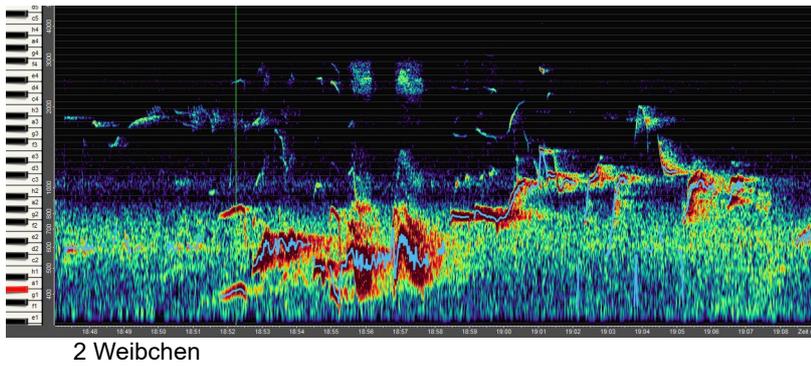
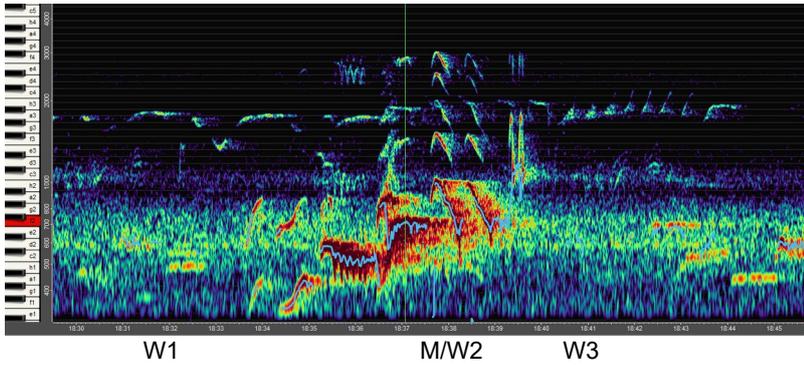
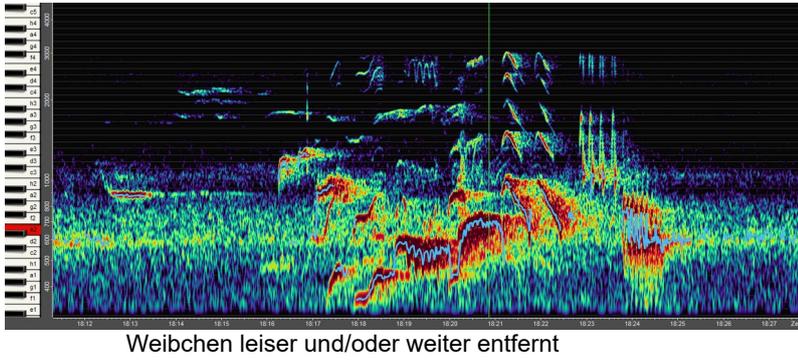
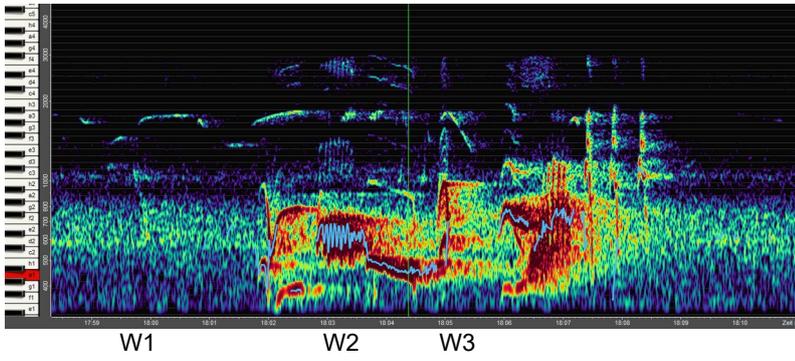
M / 3 W

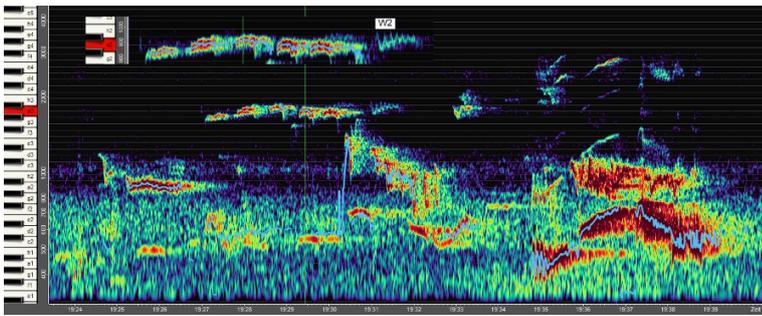




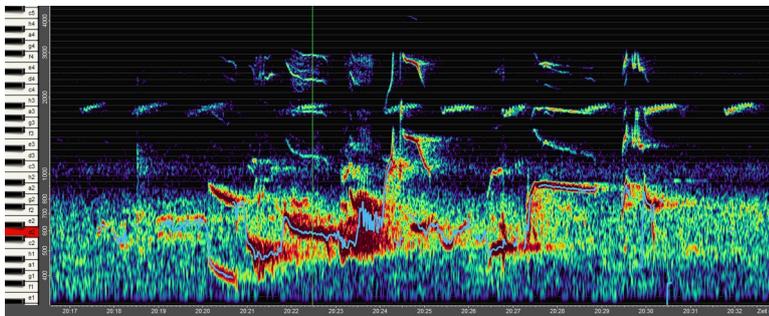
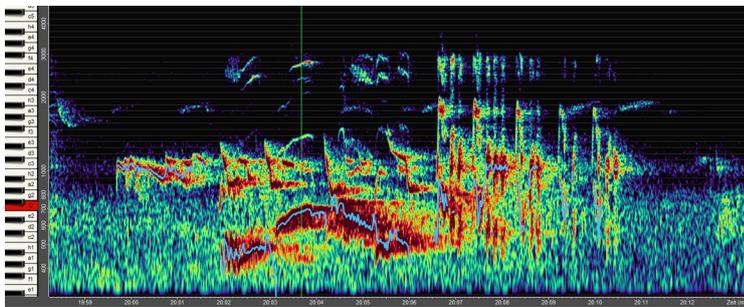
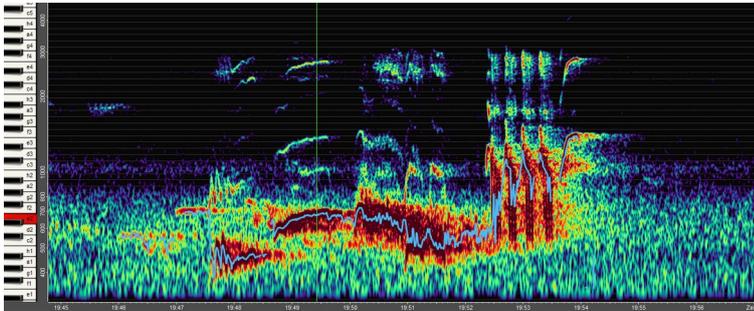
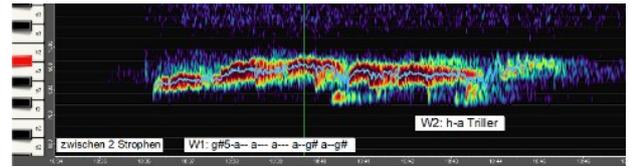
3 Weibchen







W1 / W2 Mönchsgrasmücke Amsel



W: Triller a5-b---

