

## Errata for the final wildlife report in support of the FEIS 04/21/2015

No.	OLD	NEW
1	"4FRI will treat 70 PACs" Changes made on pages: 201, 229, 233, 253, 255, 256, 259, 276, 281, 283, 304, 306, 310, 337	"4FRI will treat 83 PACs:" 70 (thin & burn) + 2 (ephemeral channel restoration not included in the 70) + 8 (rd decommissioning in PACs without fire or thinning) + 3 (rd maintenance in PACs not identified above) = <b>83</b> . All PACs are identified and described in the text and appendices.
2	Page 25: Stands with incomplete data were not proposed for thinning trees 9 inches d.b.h. or larger.	Stands with incomplete data were imputed. Stands will be marked by hand in collaboration with the FWS, so no change is expected on the ground
3	Page 37 table 4: Total forest acres by RU: 68,668 and 43,437	68,667 and 43,438
4	Pages 65, 70, & 368: total CHU acres: 88,915	88,914
5	Page 79, 272, 323: "MSOs have not been documented using open habitat greater than 10 acres (Ganey et al. 2011)."	MSOs have <u>rarely</u> been documented using openings greater than 10 acres (Ganey et al. 2011).
6	Page 81 Table 21: Change total RU acres 507,840 RU 1 144,113 RU 2 129,226 & RU 4 59,034	To: total RU acres 507,839 RU 1: 144,114; RU 2 129,225; & RU 5: 59,033
7	Page 81 Table 22: Add footnote	Footnote: Acres by fire behavior type equal total acres due to excluded areas that would not support fire such as rock, cinders, and areas with insufficient fuels
8	Page 85, Figure 10-no reference/credit given	Add to end of caption "From Normandin 2014"
9	Page 87, Table 22	Add footnote: *Acres by fire behavior type equal total acres due to excluded areas that would not support fire such as rock, cinders, and areas with insufficient fuels.
10	Page 133 {RU 1} N. Leopard Frog grassland 8,230 & PIPO 145,793 ac	Grassland = 8,226 & PIPO = 144,114 ac
11	Pages 25, 166, 167, 171, 216, 252, 254, 276: Check consistency/delete any references to cutting trees 18" dbh in PACs:	Treatments would thin trees up to 17.9 inches d.b.h./No trees greater than 17.9 inches d.b.h. would be cut – consistency in PAC treatment descriptions
12	Pages 166, 171, 203, 289, 314: Describe upper limit for tree cutting in target and threshold habitats:	Treatments would thin trees up to 17.9 inches d.b.h./No trees greater than 17.9 inches d.b.h. would be cut– added for clarification
13	Page 171, table 51, update: Alt C "Mechanically treat up to 18-inch d.b.h. in 18 PACs Utilize prescribed fire in 54 MSO PACs (including core areas) Utilize prescribed fire in 16 MSO PACs (excluding core areas)" Add minimum BA per alternative  Alt E total acres for Mechanical (403,500); Alt E total acres for Fire (581,301); Describe target and threshold treatments; Describe northern goshawk PFA/dPFA treatments;	Alt C: "Mechanically treat up to 18-inch d.b.h. in 18 PACs ( <u>excluding core areas</u> ). Utilize prescribed fire <u>only</u> in 54 MSO PACs (including core areas) <u>Utilize prescribed fire in 16 MSO PACs (excluding core areas)</u> " Edits correct and provide clarity; actions are described correctly in detail in the text. Alt E Mechanical ac 403,218 Alt E Fire 581,020 Added row a summary row for clarity Added a row for PFA/dPFA treatments for clarity

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14	Pre-project goshawk surveys omitted: Page 179, Table 52, Design Features; also page 407 “Effects Common to Alts B – E”	Added goshawk pre-project survey design feature: Pre-project goshawk surveys will be done across the management analysis area prior to habitat modifying activities. Surveys will include areas 0.5 mile beyond treatment boundaries. Because goshawks are potential predators of spotted owls and survey crews could represent a disturbance to nesting and roosting owls, PACs and a 0.5 mile buffer beyond PAC boundaries will be excluded from surveys to avoid harassment of nesting owls.
15	Page 180, Table 52, Design Features, goshawks PFAs: Road construction, obliteration, relocation, and maintenance would not occur during the breeding season (March 1 to September 30)	Added: ...if occupied unless coordination with the district biologist determines topography/site-specific conditions would ameliorate noise levels.
16	Page 181, bald eagle winter roost sites: No mechanical treatments will occur around confirmed bald eagle roost sites (300 feet radius around roosts on the Coconino NF and a 10 chain radius on the Kaibab NF).	Edited to: “No mechanical treatments will occur within a 300-foot radius around confirmed bald eagle roost sites.” —The Kaibab forest plan no longer has a “no mechanical treatment” buffer mandated around eagle winter roosts. We elected to maintain them but changed the 10-chain distance to match the Coconino forest plan for consistency during implementation.
17	Page 223: Surface Fire in protected habitat: 17,954	To 18,122
18	Pages 224, 288, 297, 312, 321: Existing surface fire acres for restricted “other” habitat (5 different tables) – change from 35,019	To 35,123
19	Page 242, 268, 321: fire effects in MSO habitat: “...This would include 2,354 acres of burn-only treatments in restricted habitat...”	“...This would include an additional 2,354 acres of burn-only treatments in restricted habitat.
20	Pages 259, 286, 310, 382; Change “crown” base height	to “canopy” base height
21	Page 284, Table 86, Restricted “other”= 65,139	62,785
22	Page 338 Table 135: Mechanical treatments, alt C, PAC limit: 18” dbh PACs with ephemeral channel restoration  Target habitat - burn acres for alt B (6,714) and E (6,713); total ac burned in C (75,111 - alt B was used) Threshold habitat - burn acres for alts B (1,978), C (1,978), and E (1,892); Total ac burned in C (75,111 - alt B was used) Total ac mechanical in E (71,170) Total ac burned in E (71,170)	Mechanical treatments, alt C, PAC limit: 17.9” dbh Added “(including 2 PACs without thinning or prescribed fire treatments)” for clarification Target habitat - burn acres for alt B (6,715) and E (7,276); total ac burned in C (73,828 – [alt B had been used]) restricted other in E (65,139) Threshold: B (1,977), C (1,976), and E (1,976); Total ac burned in C (75,111 - alt B was used) Total ac mechanical in E (71,173) Total ac burned in E (73,828) None of the updated changes were substantive, ranging from <1 to 5%.
23	Page 357, MSO alt E: This includes about 2,354 acres of burn-only treatments in restricted “other” habitat	An <u>additional</u> 2,354 acres of burn-only treatments would occur in restricted “other” habitat
24	Page 367, MSO cum effects: “within the 1/5 buffer of the entire 4FRI project area.”	“within the <u>1/2</u> mile buffer of the entire 4FRI project area.”
25	Page 369, table 154, past cumulative effects in MSO habitat, bottom row:	Changed to: Alt E – 403,218 – 581,020 – 569,738 – 789,288

<b>No.</b>	<b>OLD</b>	<b>NEW</b>
	Alt E – 403,500 – 581,301 – 570,020 – 789, 569	

No.	OLD	NEW
26	Page 376 & 377, Tables 157 & 158 caption: "... unit 3-5"	"... <u>subunit</u> 3-5"
27	Page 377, Table 158 column "rock pit development" = 39 in subunit 3-5	= <u>1</u> in subunit 3-5 (39 = both 2 national forests)
28	Page 388, Table 161, PFA/dPFA subtotal (row 7) numbers for Alts C & E: 13,142	13, 413
29	Page 397 Table 164 "current" in col 5: 29,129	29,126
30	Pages 471 – 507: Sensitive spp in Environmental Consequences: text is frequently plural but the species references are written in the singular	Changed "frog," "falcon," "vole," "bat," etc., to "frogs," "falcons," "voles," "bats," etc.
31	Pages 476, 478: missing determination of effects calls for bald eagles, alternatives A & B	Added determination of effects
32	Pages 529 & 530 – change "spotted bat" to	"western red bat"
33	Appdx 15: "PACs with no proposed treatments" in rd maintenance table.	Change to "PACs With No Proposed <u>Vegetation</u> Treatments"